API Well Number: 43013517500000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

	1. WELL NAME and NUMBER Shields 1-30-3-2WH
2. TYPE OF WORK DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ●
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ●	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Lavon R. Giles, Diane M. Giles, and Shannon L. Giles	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-454-3824
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 65 Box 50, Altamont, UT 84001	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ●
19. SLANT VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ●	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	234 FSL 1083 FEL	SESE	19	3.0 S	2.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FEL	NENE	30	3.0 S	2.0 W	U
At Total Depth	660 FSL 660 FEL	SESE	30	3.0 S	2.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 234	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 2010	**26. PROPOSED DEPTH** MD: 12658 TVD: 8167
27. ELEVATION - GROUND LEVEL 5185	**28. BOND NUMBER** B001834	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	17.5	14	0 - 60	37.0	H-40 ST&C	0.0	Class G	35	1.17	15.8
Surf	12.25	9.625	0 - 2500	36.0	J-55 LT&C	8.3	Type III	216	3.33	11.0
							Type III	95	1.9	13.0
I1	8.75	7	0 - 8689	26.0	P-110 Other	10.5	35/65 Poz	348	2.59	11.5
							50/50 Poz	264	1.62	13.0
Prod	6.125	4.5	7832 - 12658	13.5	P-110 Other	10.5	No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 10/04/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43013517500000

APPROVAL

Permit Manager

RECEIVED: December 11, 2012

Newfield Production Company
Shields 1-30-3-2WH
Surface Hole Location: 234' FSL, 1083' FEL, Section 19, T3S, R2W
Bottom Hole Location: 660' FSL, 660' FEL, Section 30, T3S, R2W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	5,145'
Garden Gulch member	6,213'
Uteland Butte	8,309'
Lateral TD	8,167' TVD / 12,658' MD

2. Depth to Oil, Gas, Water, or Minerals

Base of moderately saline	3,233'	(water)
Green River	6,213' - 8,167'	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld	--	--	--	--	--	--
14									--	--	--
Surface	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
9 5/8									2.51	2.54	5.03
Intermediate	0'	8,341'	26	P-110	BTC	10	10.5	15	9,960	6,210	830,000
7		8,689'							2.84	1.67	3.67
Production	7,832'	8,167'	13.5	P-110	BTC	10	10.5	--	12,410	10,670	422,000
4 1/2		12,658'							3.62	2.93	6.48

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Intermediate casing MASP = (reservoir pressure) - (gas gradient)

RECEIVED: October 04, 2012

Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing
Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Type III + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Type III + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	5,213'	Premium - 65% Class G / 35% Poz + 10% Bentonite	901 / 348	15%	11.5	2.59
Intermediate Tail	8 3/4	2,476'	50/50 Poz/Class G + 1% bentonite	428 / 264	15%	13.0	1.62
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and

if conditions warrant, with barite.
Anticipated maximum mud weight is 10.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.52 psi/ft gradient.

8,167' x 0.52 psi/ft = 4247 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" vertical hole will be drilled to a kick off point of 7,882' .
Directional tools will then be used to build to 92.51 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

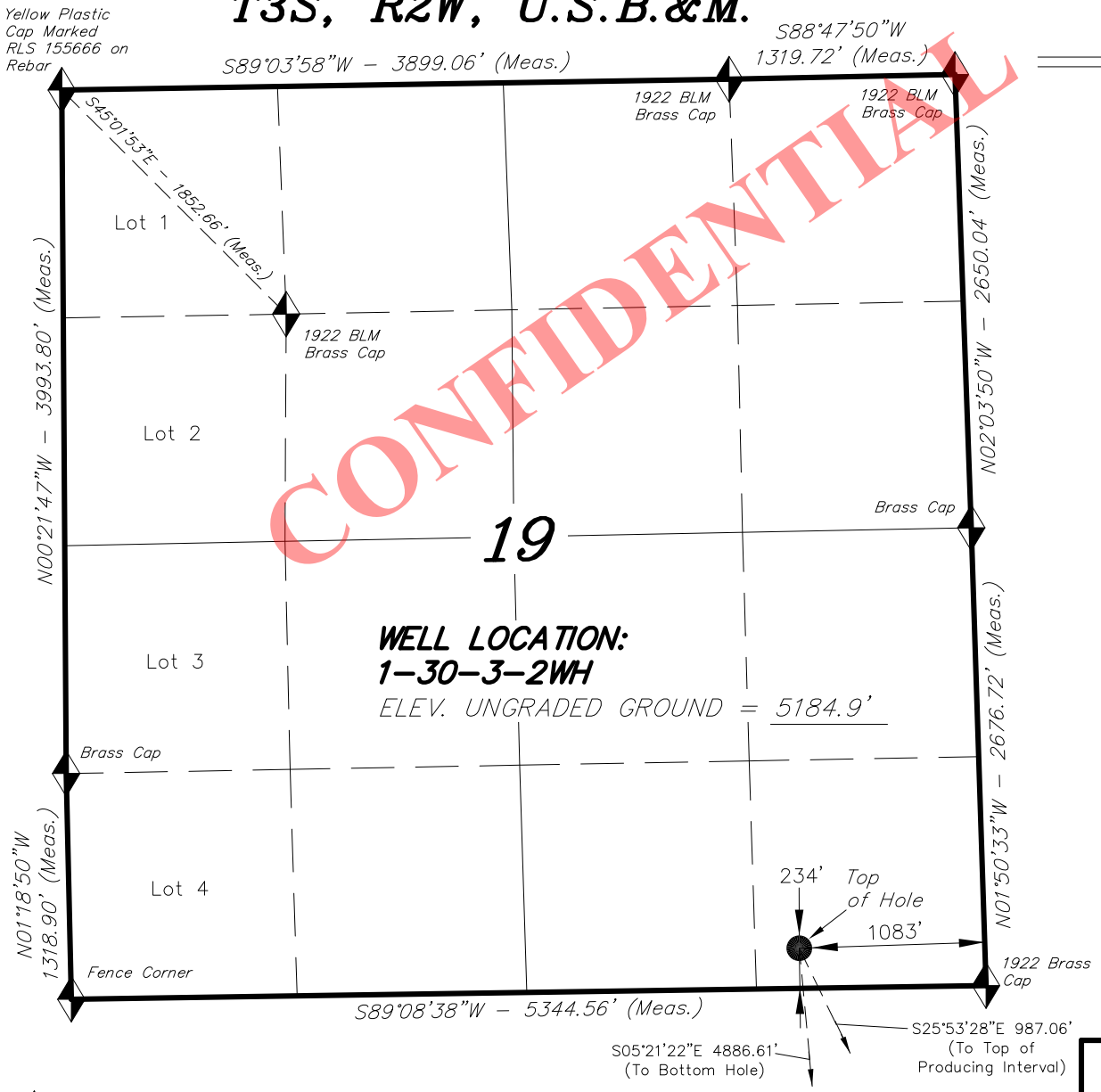
The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

RECEIVED: October 04, 2012

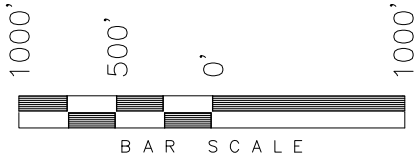
API Well Number: 43013517500000

T3S, R2W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 1-30-3-2WH, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 19, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
06-08-12
STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. [illegible]
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'03.05"
LONGITUDE = 110°08'47.38"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°12'03.20"
LONGITUDE = 110°08'44.83"

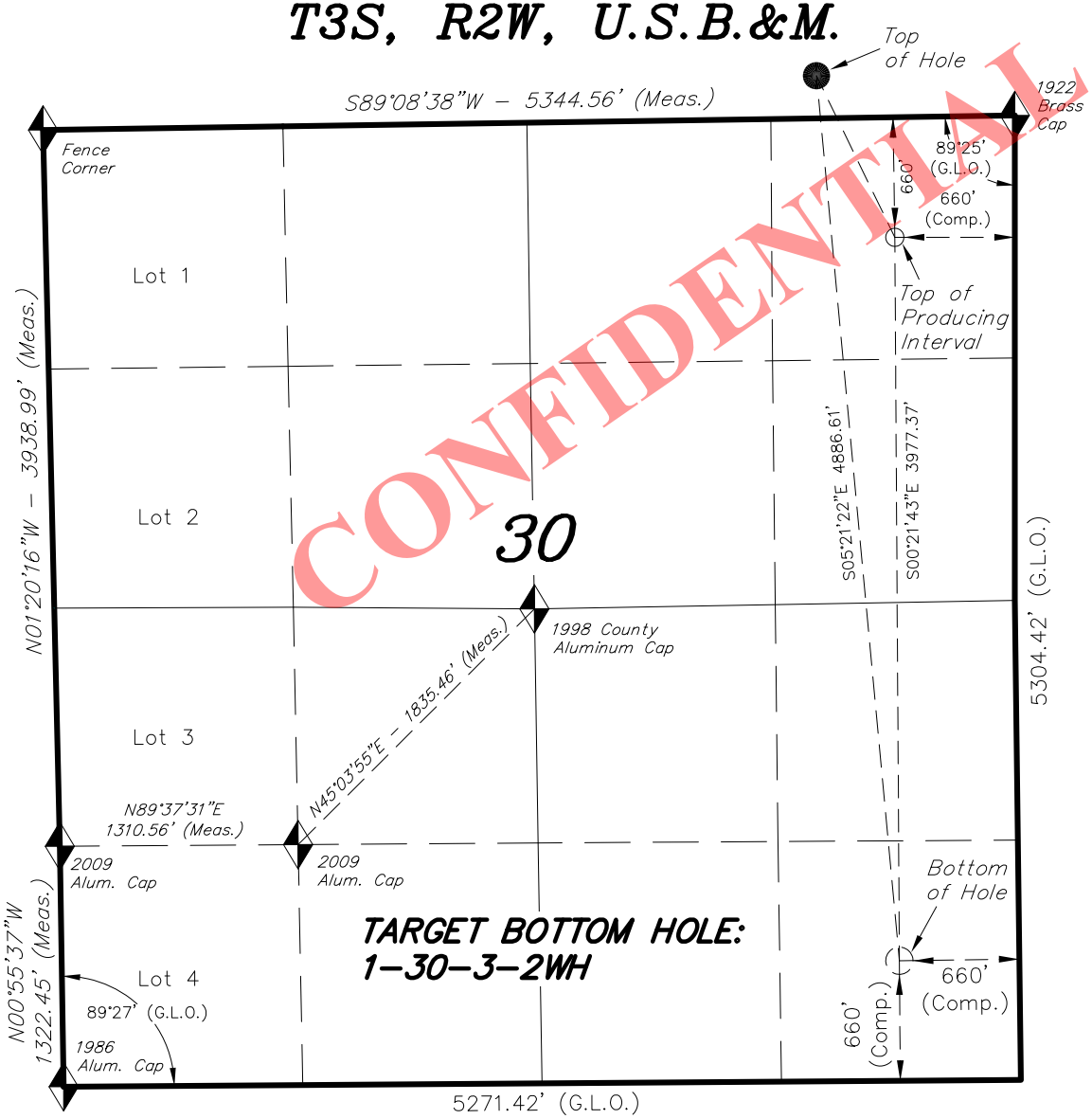
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-11-12	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 06-07-12	DRAWN BY: R.B.T.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: October 04, 2012

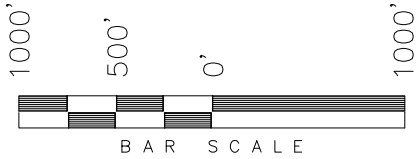
API Well Number: 43013517500000

T3S, R2W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, 1–30–3–2WH, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 30, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Producing Interval bears S25°53'28"E 987.06' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
06-08-12
STACY W. STEWART
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°11'14.92"
LONGITUDE = 110°08'42.45"
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°11'15.07"
LONGITUDE = 110°08'39.90"

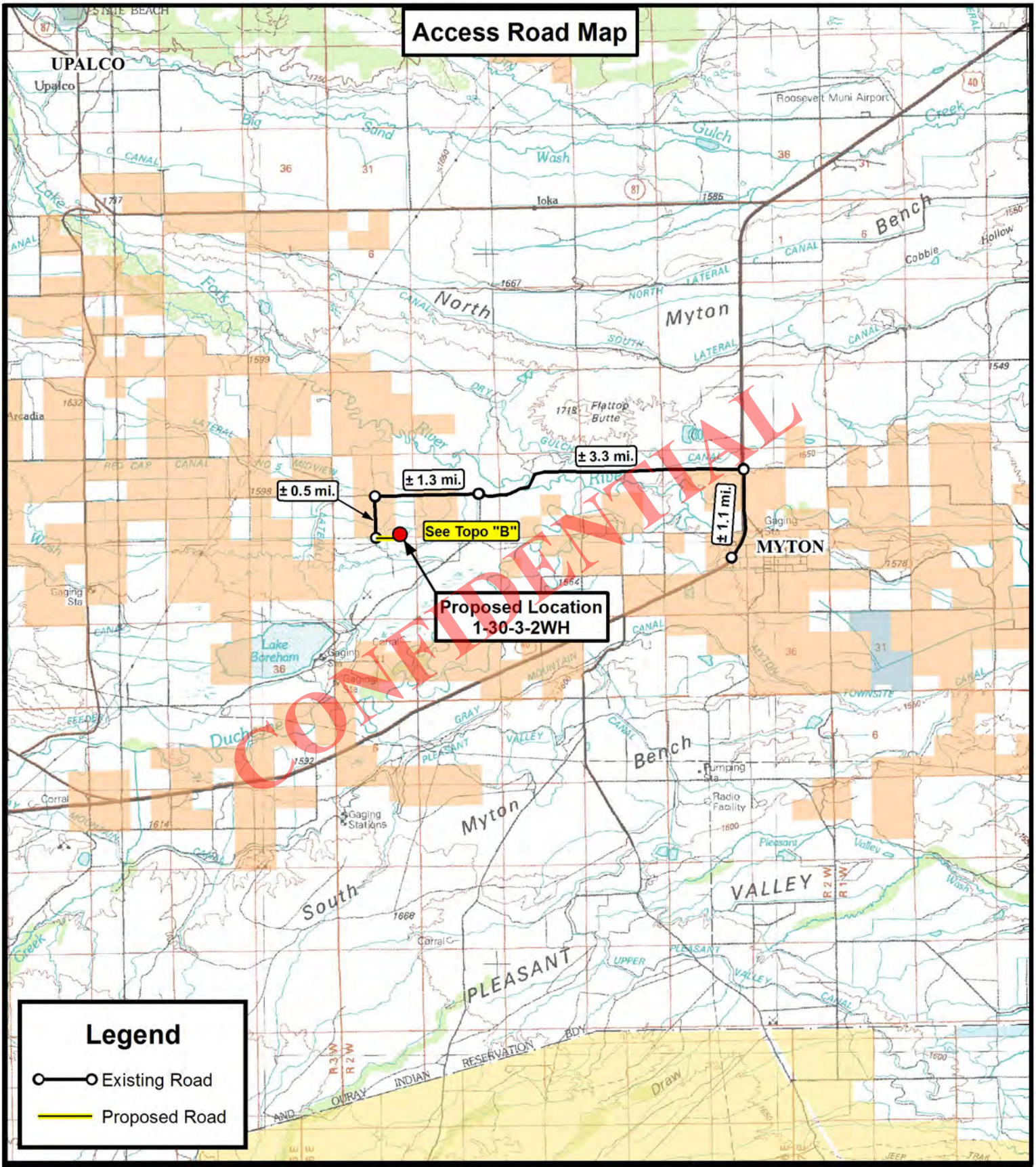
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781–2501

DATE SURVEYED: 05–11–12	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 06–07–12	DRAWN BY: R.B.T.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: October 04, 2012

API Well Number: 43013517500000

Access Road Map



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

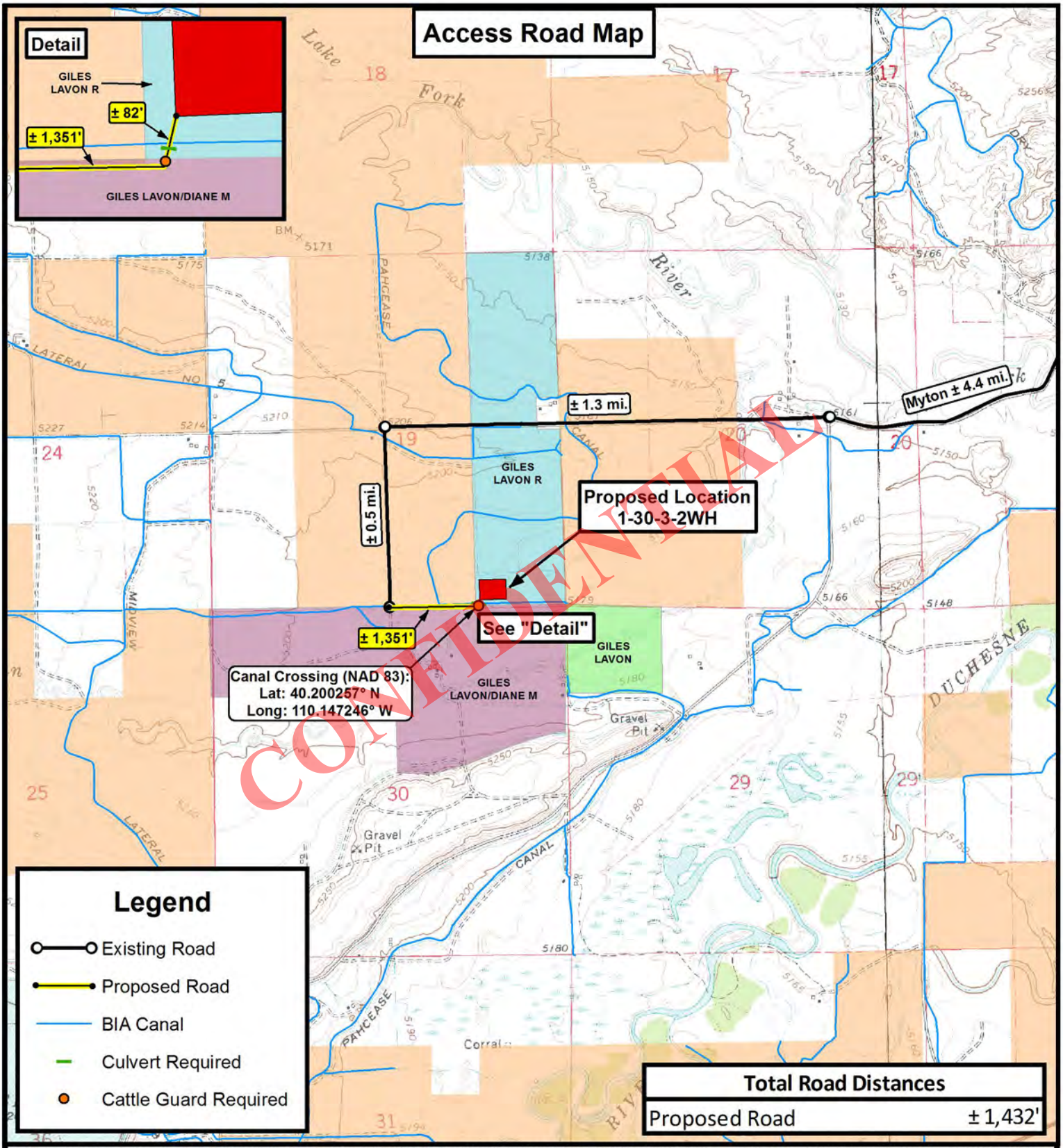
DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	06-06-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43013517500000

Access Road Map



Legend

- Existing Road
- Proposed Road
- BIA Canal
- Culvert Required
- Cattle Guard Required

Total Road Distances	
Proposed Road	± 1,432'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

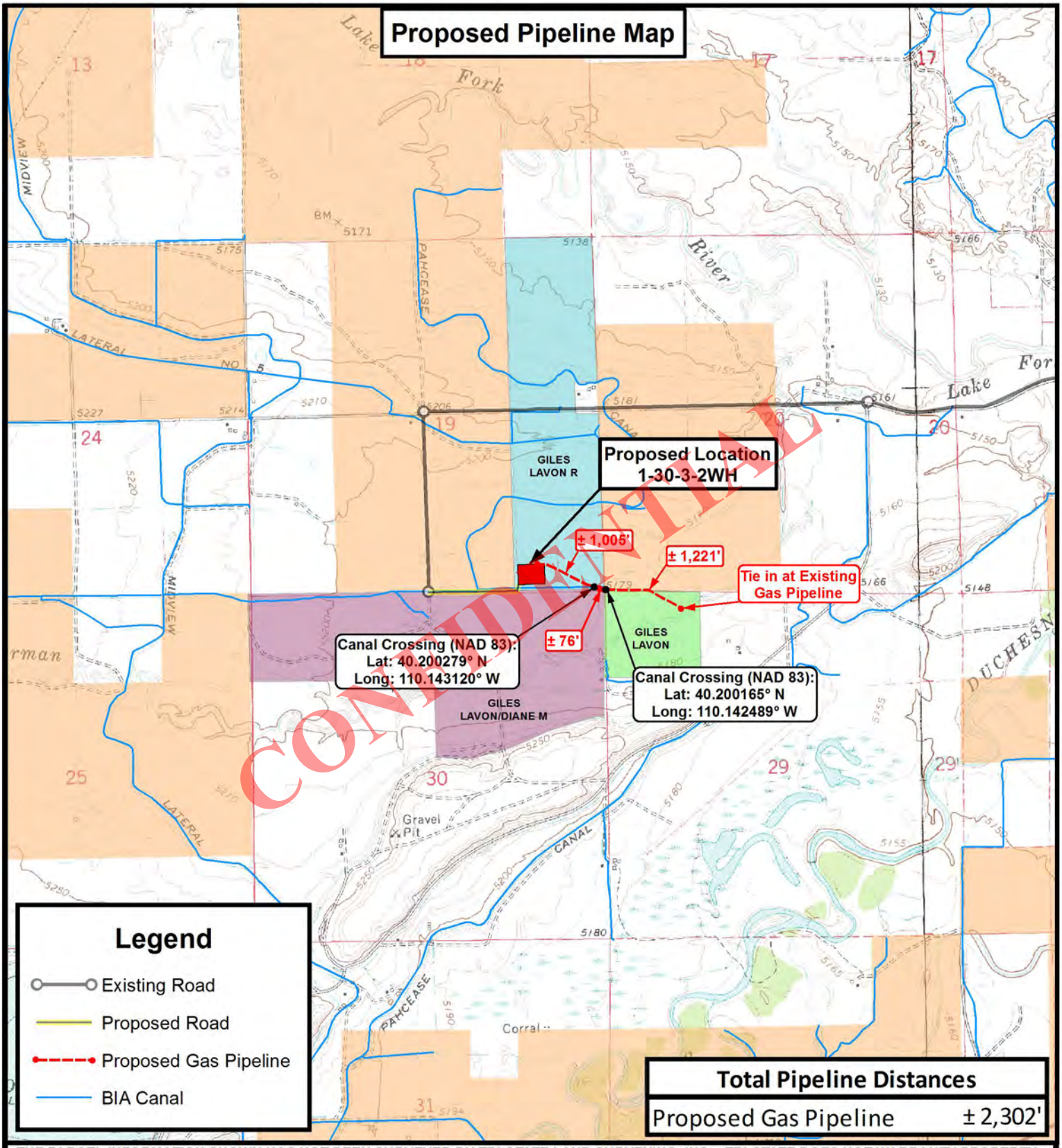
1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	06-06-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43013517500000



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

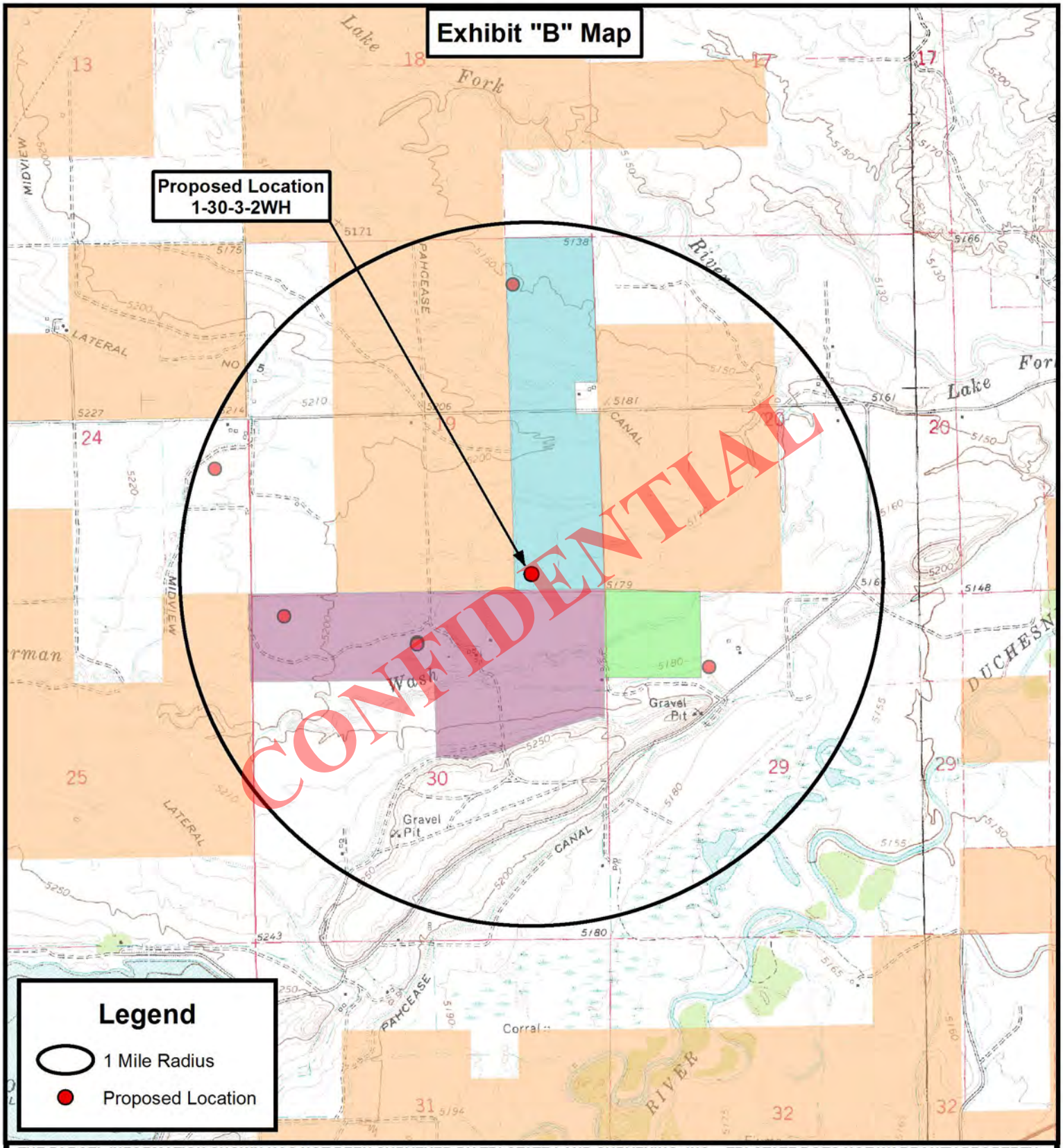
1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	06-06-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43013517500000



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NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	VERSION:
DATE:	06-06-2012		V1
SCALE:	1 " = 2,000 '		

TOPOGRAPHIC MAP

SHEET D

API Well Number: 43013517500000

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
1-30-3-2WH

Plan: PLAN #1

Standard Planning Report

15 August, 2012

RECEIVED: October 04, 2012

API Well Number: 43013517500000

NEWFIELD

Weatherford®

Project:	DUCHESNE COUNTY, UT
Site:	1-30-3-2WH
Well:	1-30-3-2WH
Wellbore:	1-30-3-2WH
Design:	PLAN #1
Latitude:	40° 12' 3.050 N
Longitude:	110° 8' 47.380 W
GL:	5184.90
KB:	KB @ 5202.90ft (Original Well Elev)

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL - 1-30-3-2WH	8167.00	-4853.53	466.10	40° 11' 15.083 N	110° 8' 41.374 W	Point
LP -	8341.00	-887.98	431.01	40° 11' 54.274 N	110° 8' 41.825 W	

WELL DETAILS: 1-30-3-2WH

Ground Level: 5184.90

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.00	0.00	7244744.63	2018460.53	40° 12' 3.050 N	110° 8' 47.380 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
2784.93	5.70	131.66	2784.46	-9.41	10.58	2.00	131.66	10.38	Start 5097.52 hold at 2784.93 MD
7882.45	5.70	131.66	7856.79	-345.85	388.75	0.00	0.00	381.43	Start DLS 11.00 TFO 47.79
8688.67	92.51	179.49	8341.00	-887.98	431.01	11.00	47.79	925.12	Start 3969.52 hold at 8688.67 MD
12658.19	92.51	179.49	8167.00	-4853.53	466.10	0.00	0.00	4875.86	TD at 12658.19

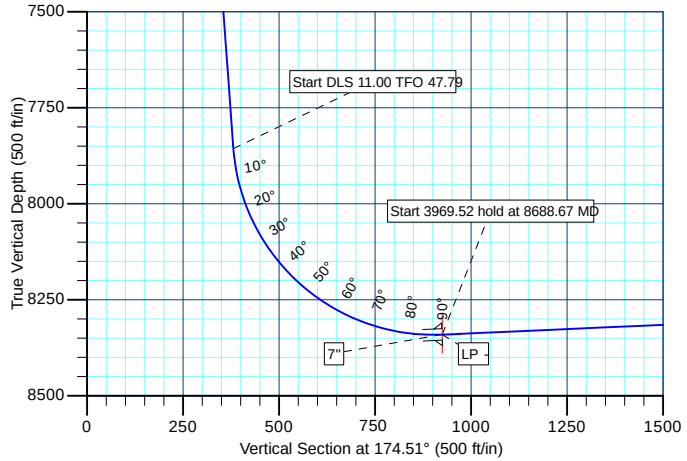
T M

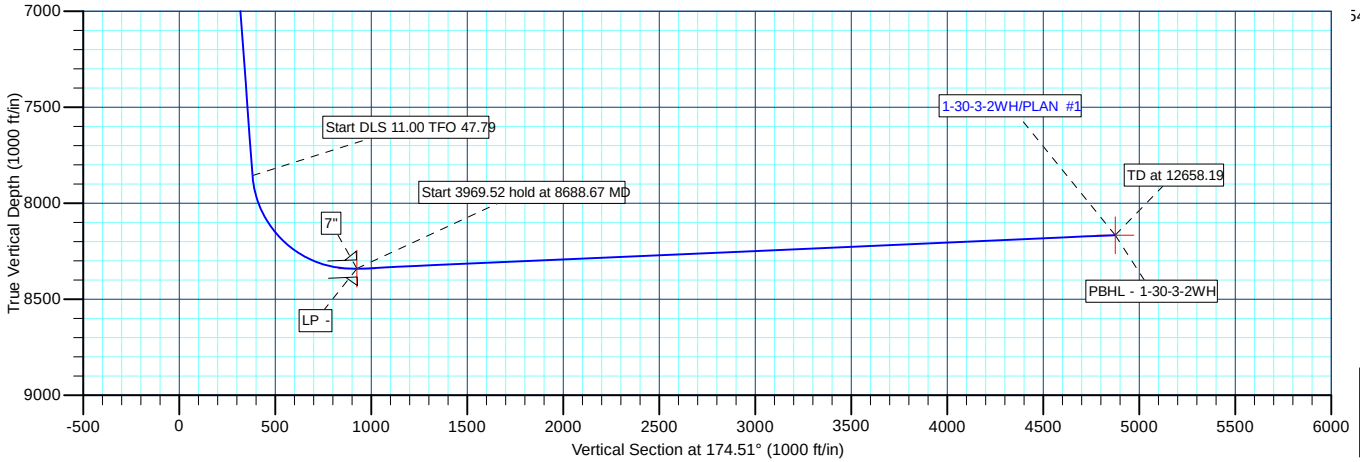
Azimuths to True North
Magnetic North: 11.26°

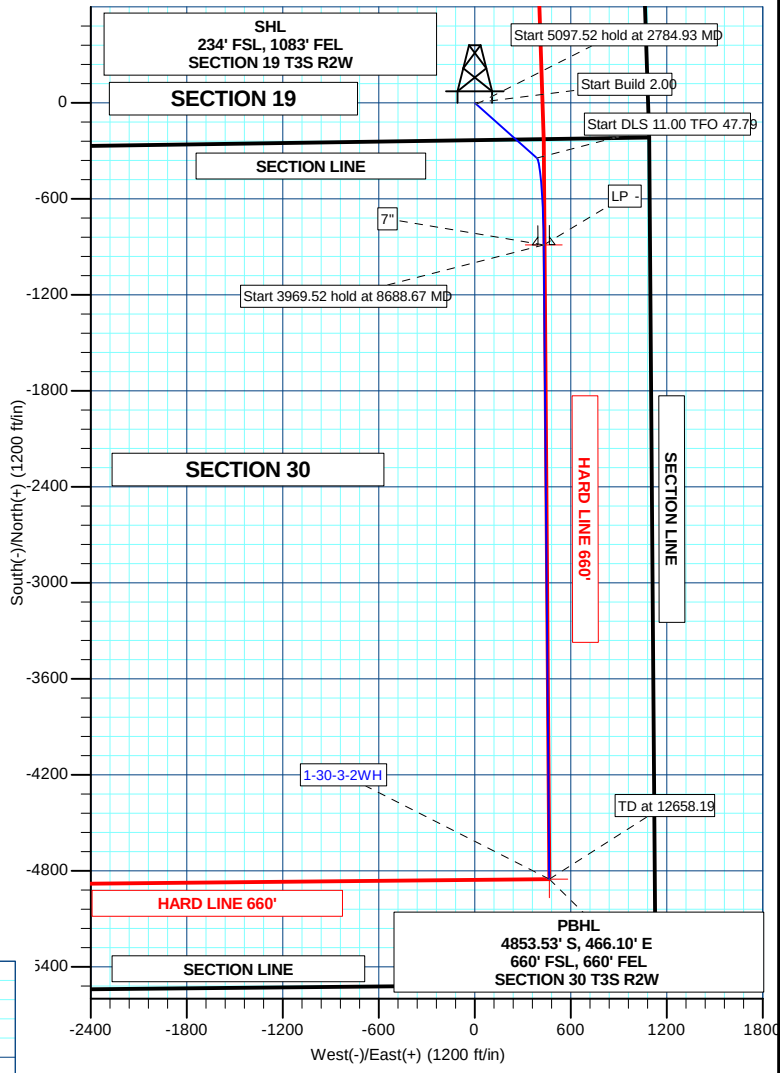
Magnetic Field
Strength: 52182.2snT
Dip Angle: 65.86°
Date: 8/1/2012
Model: BGGM2012

CASING DETAILS

TVD	MD	Name	Size
8341.00	8688.67	7"	7







Plan: PLAN #1 (1-30-3-2WH/1-30-3-2WH)

Created By: Tracy Williams Date: 10:15, August 15 2012

API Well Number: 43013517500000

Weatherford®

NEWFIELD EXPLORATION CO.

DUCHESNE COUNTY, UT
1-30-3-2WH
1-30-3-2WH

1-30-3-2WH

Plan: PLAN #1

Standard Planning Report

15 August, 2012

Weatherford®

RECEIVED: October 04, 2012

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 1-30-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5202.90ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5202.90ft (Original Well Elev)
Site:	1-30-3-2WH	**North Reference:**	True
Well:	1-30-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	1-30-3-2WH		
Design:	PLAN #1		

Project DUCHESNE COUNTY, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site 1-30-3-2WH

Site Position:		**Northing:**	7,244,744.63 usft	**Latitude:**	40° 12' 3.050 N
From:	Lat/Long	**Easting:**	2,018,460.53 usft	**Longitude:**	110° 8' 47.380 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.87 °

Well 1-30-3-2WH

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,244,744.63 usft	**Latitude:**	40° 12' 3.050 N
	+E/-W	0.00 ft	**Easting:**	2,018,460.53 usft	**Longitude:**	110° 8' 47.380 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,184.90 ft

Wellbore 1-30-3-2WH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2012	8/1/2012	11.26	65.86	52,182

Design PLAN #1

Audit Notes:			
Version:	**Phase:**	PLAN	**Tie On Depth:** 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	174.51

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,784.93	5.70	131.66	2,784.46	-9.41	10.58	2.00	2.00	0.00	131.66	
7,882.45	5.70	131.66	7,856.79	-345.85	388.75	0.00	0.00	0.00	0.00	
8,688.67	92.51	179.49	8,341.00	-887.98	431.01	11.00	10.77	5.93	47.79	LP -
12,658.19	92.51	179.49	8,167.00	-4,853.53	466.10	0.00	0.00	0.00	0.00	PBHL - 1-30-3-2WH

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 1-30-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5202.90ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5202.90ft (Original Well Elev)
Site:	1-30-3-2WH	**North Reference:**	True
Well:	1-30-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	1-30-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	2.00	131.66	2,599.98	-1.16	1.30	1.28	2.00	2.00	0.00
2,700.00	4.00	131.66	2,699.84	-4.64	5.21	5.12	2.00	2.00	0.00
Start 5097.52 hold at 2784.93 MD									
2,784.93	5.70	131.66	2,784.46	-9.41	10.58	10.38	2.00	2.00	0.00
2,800.00	5.70	131.66	2,799.46	-10.41	11.70	11.48	0.00	0.00	0.00
2,900.00	5.70	131.66	2,898.96	-17.01	19.11	18.75	0.00	0.00	0.00
3,000.00	5.70	131.66	2,998.47	-23.61	26.53	26.03	0.00	0.00	0.00
3,100.00	5.70	131.66	3,097.97	-30.21	33.95	33.31	0.00	0.00	0.00
3,200.00	5.70	131.66	3,197.48	-36.81	41.37	40.59	0.00	0.00	0.00
3,300.00	5.70	131.66	3,296.98	-43.41	48.79	47.87	0.00	0.00	0.00
3,400.00	5.70	131.66	3,396.49	-50.01	56.21	55.15	0.00	0.00	0.00
3,500.00	5.70	131.66	3,496.00	-56.61	63.63	62.43	0.00	0.00	0.00
3,600.00	5.70	131.66	3,595.50	-63.21	71.04	69.71	0.00	0.00	0.00
3,700.00	5.70	131.66	3,695.01	-69.81	78.46	76.99	0.00	0.00	0.00
3,800.00	5.70	131.66	3,794.51	-76.41	85.88	84.27	0.00	0.00	0.00
3,900.00	5.70	131.66	3,894.02	-83.01	93.30	91.55	0.00	0.00	0.00
4,000.00	5.70	131.66	3,993.53	-89.61	100.72	98.82	0.00	0.00	0.00
4,100.00	5.70	131.66	4,093.03	-96.21	108.14	106.10	0.00	0.00	0.00
4,200.00	5.70	131.66	4,192.54	-102.81	115.56	113.38	0.00	0.00	0.00
4,300.00	5.70	131.66	4,292.04	-109.41	122.98	120.66	0.00	0.00	0.00
4,400.00	5.70	131.66	4,391.55	-116.01	130.39	127.94	0.00	0.00	0.00
4,500.00	5.70	131.66	4,491.05	-122.61	137.81	135.22	0.00	0.00	0.00
4,600.00	5.70	131.66	4,590.56	-129.21	145.23	142.50	0.00	0.00	0.00
4,700.00	5.70	131.66	4,690.07	-135.81	152.65	149.78	0.00	0.00	0.00
4,800.00	5.70	131.66	4,789.57	-142.41	160.07	157.06	0.00	0.00	0.00
4,900.00	5.70	131.66	4,889.08	-149.01	167.49	164.34	0.00	0.00	0.00
5,000.00	5.70	131.66	4,988.58	-155.61	174.91	171.61	0.00	0.00	0.00

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 1-30-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5202.90ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5202.90ft (Original Well Elev)
Site:	1-30-3-2WH	**North Reference:**	True
Well:	1-30-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	1-30-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,100.00	5.70	131.66	5,088.09	-162.21	182.33	178.89	0.00	0.00	0.00
5,200.00	5.70	131.66	5,187.59	-168.81	189.74	186.17	0.00	0.00	0.00
5,300.00	5.70	131.66	5,287.10	-175.41	197.16	193.45	0.00	0.00	0.00
5,400.00	5.70	131.66	5,386.61	-182.01	204.58	200.73	0.00	0.00	0.00
5,500.00	5.70	131.66	5,486.11	-188.61	212.00	208.01	0.00	0.00	0.00
5,600.00	5.70	131.66	5,585.62	-195.21	219.42	215.29	0.00	0.00	0.00
5,700.00	5.70	131.66	5,685.12	-201.81	226.84	222.57	0.00	0.00	0.00
5,800.00	5.70	131.66	5,784.63	-208.41	234.26	229.85	0.00	0.00	0.00
5,900.00	5.70	131.66	5,884.14	-215.01	241.67	237.13	0.00	0.00	0.00
6,000.00	5.70	131.66	5,983.64	-221.61	249.09	244.41	0.00	0.00	0.00
6,100.00	5.70	131.66	6,083.15	-228.21	256.51	251.68	0.00	0.00	0.00
6,200.00	5.70	131.66	6,182.65	-234.81	263.93	258.96	0.00	0.00	0.00
6,300.00	5.70	131.66	6,282.16	-241.41	271.35	266.24	0.00	0.00	0.00
6,400.00	5.70	131.66	6,381.66	-248.01	278.77	273.52	0.00	0.00	0.00
6,500.00	5.70	131.66	6,481.17	-254.61	286.19	280.80	0.00	0.00	0.00
6,600.00	5.70	131.66	6,580.68	-261.21	293.61	288.08	0.00	0.00	0.00
6,700.00	5.70	131.66	6,680.18	-267.81	301.02	295.36	0.00	0.00	0.00
6,800.00	5.70	131.66	6,779.69	-274.41	308.44	302.64	0.00	0.00	0.00
6,900.00	5.70	131.66	6,879.19	-281.01	315.86	309.92	0.00	0.00	0.00
7,000.00	5.70	131.66	6,978.70	-287.61	323.28	317.20	0.00	0.00	0.00
7,100.00	5.70	131.66	7,078.20	-294.21	330.70	324.47	0.00	0.00	0.00
7,200.00	5.70	131.66	7,177.71	-300.81	338.12	331.75	0.00	0.00	0.00
7,300.00	5.70	131.66	7,277.22	-307.41	345.54	339.03	0.00	0.00	0.00
7,400.00	5.70	131.66	7,376.72	-314.01	352.95	346.31	0.00	0.00	0.00
7,500.00	5.70	131.66	7,476.23	-320.61	360.37	353.59	0.00	0.00	0.00
7,600.00	5.70	131.66	7,575.73	-327.21	367.79	360.87	0.00	0.00	0.00
7,700.00	5.70	131.66	7,675.24	-333.81	375.21	368.15	0.00	0.00	0.00
7,800.00	5.70	131.66	7,774.75	-340.41	382.63	375.43	0.00	0.00	0.00
Start DLS 11.00 TFO 47.79									
7,882.45	5.70	131.66	7,856.79	-345.85	388.75	381.43	0.00	0.00	0.00
7,900.00	7.14	143.24	7,874.23	-347.31	390.05	383.00	11.00	8.21	65.99
7,950.00	12.02	159.04	7,923.52	-354.66	393.77	390.68	11.00	9.76	31.61
8,000.00	17.27	165.59	7,971.89	-366.72	397.49	403.04	11.00	10.51	13.09
8,050.00	22.64	169.12	8,018.87	-383.38	401.15	419.97	11.00	10.74	7.07
8,100.00	28.06	171.35	8,064.04	-404.47	404.74	441.31	11.00	10.83	4.46
8,150.00	33.50	172.91	8,106.98	-429.81	408.21	466.86	11.00	10.88	3.11
8,200.00	38.96	174.07	8,147.30	-459.16	411.54	496.40	11.00	10.91	2.33
8,250.00	44.42	174.99	8,184.62	-492.25	414.69	529.64	11.00	10.93	1.84
8,300.00	49.90	175.75	8,218.60	-528.78	417.64	566.29	11.00	10.94	1.51
8,350.00	55.37	176.39	8,248.94	-568.41	420.36	605.99	11.00	10.95	1.28
8,400.00	60.85	176.95	8,275.34	-610.78	422.82	648.40	11.00	10.96	1.12
8,450.00	66.33	177.46	8,297.57	-655.49	425.00	693.12	11.00	10.96	1.01
8,500.00	71.82	177.92	8,315.42	-702.14	426.88	739.73	11.00	10.97	0.93
8,550.00	77.30	178.36	8,328.72	-750.29	428.44	787.81	11.00	10.97	0.87
8,600.00	82.79	178.77	8,337.37	-799.50	429.67	836.92	11.00	10.97	0.83
8,650.00	88.27	179.18	8,341.26	-849.33	430.56	886.59	11.00	10.97	0.81
Start 3969.52 hold at 8688.67 MD - 7"									
8,688.67	92.51	179.49	8,341.00	-887.98	431.01	925.12	11.00	10.97	0.81
8,700.00	92.51	179.49	8,340.50	-899.30	431.11	936.39	0.00	0.00	0.00
8,800.00	92.51	179.49	8,336.12	-999.20	431.99	1,035.92	0.00	0.00	0.00
8,900.00	92.51	179.49	8,331.74	-1,099.10	432.88	1,135.45	0.00	0.00	0.00
9,000.00	92.51	179.49	8,327.35	-1,199.00	433.76	1,234.98	0.00	0.00	0.00
9,100.00	92.51	179.49	8,322.97	-1,298.90	434.65	1,334.50	0.00	0.00	0.00
9,200.00	92.51	179.49	8,318.59	-1,398.80	435.53	1,434.03	0.00	0.00	0.00

RECEIVED: October 04, 2012

Weatherford

Weatherford International Ltd.

Planning Report

Weatherford

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 1-30-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5202.90ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5202.90ft (Original Well Elev)
Site:	1-30-3-2WH	**North Reference:**	True
Well:	1-30-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	1-30-3-2WH		
Design:	PLAN #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,300.00	92.51	179.49	8,314.20	-1,498.70	436.41	1,533.56	0.00	0.00	0.00
9,400.00	92.51	179.49	8,309.82	-1,598.60	437.30	1,633.08	0.00	0.00	0.00
9,500.00	92.51	179.49	8,305.44	-1,698.50	438.18	1,732.61	0.00	0.00	0.00
9,600.00	92.51	179.49	8,301.05	-1,798.40	439.07	1,832.14	0.00	0.00	0.00
9,700.00	92.51	179.49	8,296.67	-1,898.30	439.95	1,931.66	0.00	0.00	0.00
9,800.00	92.51	179.49	8,292.29	-1,998.20	440.83	2,031.19	0.00	0.00	0.00
9,900.00	92.51	179.49	8,287.90	-2,098.10	441.72	2,130.72	0.00	0.00	0.00
10,000.00	92.51	179.49	8,283.52	-2,198.00	442.60	2,230.25	0.00	0.00	0.00
10,100.00	92.51	179.49	8,279.14	-2,297.90	443.49	2,329.77	0.00	0.00	0.00
10,200.00	92.51	179.49	8,274.75	-2,397.80	444.37	2,429.30	0.00	0.00	0.00
10,300.00	92.51	179.49	8,270.37	-2,497.70	445.25	2,528.83	0.00	0.00	0.00
10,400.00	92.51	179.49	8,265.99	-2,597.60	446.14	2,628.35	0.00	0.00	0.00
10,500.00	92.51	179.49	8,261.60	-2,697.50	447.02	2,727.88	0.00	0.00	0.00
10,600.00	92.51	179.49	8,257.22	-2,797.40	447.91	2,827.41	0.00	0.00	0.00
10,700.00	92.51	179.49	8,252.84	-2,897.30	448.79	2,926.93	0.00	0.00	0.00
10,800.00	92.51	179.49	8,248.45	-2,997.20	449.67	3,026.46	0.00	0.00	0.00
10,900.00	92.51	179.49	8,244.07	-3,097.10	450.56	3,125.99	0.00	0.00	0.00
11,000.00	92.51	179.49	8,239.69	-3,197.00	451.44	3,225.51	0.00	0.00	0.00
11,100.00	92.51	179.49	8,235.30	-3,296.90	452.33	3,325.04	0.00	0.00	0.00
11,200.00	92.51	179.49	8,230.92	-3,396.80	453.21	3,424.57	0.00	0.00	0.00
11,300.00	92.51	179.49	8,226.53	-3,496.70	454.09	3,524.10	0.00	0.00	0.00
11,400.00	92.51	179.49	8,222.15	-3,596.60	454.98	3,623.62	0.00	0.00	0.00
11,500.00	92.51	179.49	8,217.77	-3,696.50	455.86	3,723.15	0.00	0.00	0.00
11,600.00	92.51	179.49	8,213.38	-3,796.40	456.75	3,822.68	0.00	0.00	0.00
11,700.00	92.51	179.49	8,209.00	-3,896.30	457.63	3,922.20	0.00	0.00	0.00
11,800.00	92.51	179.49	8,204.62	-3,996.20	458.51	4,021.73	0.00	0.00	0.00
11,900.00	92.51	179.49	8,200.23	-4,096.10	459.40	4,121.26	0.00	0.00	0.00
12,000.00	92.51	179.49	8,195.85	-4,196.00	460.28	4,220.78	0.00	0.00	0.00
12,100.00	92.51	179.49	8,191.47	-4,295.90	461.17	4,320.31	0.00	0.00	0.00
12,200.00	92.51	179.49	8,187.08	-4,395.80	462.05	4,419.84	0.00	0.00	0.00
12,300.00	92.51	179.49	8,182.70	-4,495.70	462.93	4,519.37	0.00	0.00	0.00
12,400.00	92.51	179.49	8,178.32	-4,595.60	463.82	4,618.89	0.00	0.00	0.00
12,500.00	92.51	179.49	8,173.93	-4,695.50	464.70	4,718.42	0.00	0.00	0.00
12,600.00	92.51	179.49	8,169.55	-4,795.40	465.59	4,817.95	0.00	0.00	0.00
TD at 12658.19									
12,658.19	92.51	179.49	8,167.00	-4,853.53	466.10	4,875.86	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL - 1-30-3-2WH - plan hits target center - Point	0.00	0.00	8,167.00	-4,853.53	466.10	7,239,898.72	2,019,000.02	40° 11' 15.083 N	110° 8' 41.374 W
LP - - plan hits target center - Point	0.00	0.00	8,341.00	-887.98	431.01	7,243,863.28	2,018,904.93	40° 11' 54.274 N	110° 8' 41.825 W

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 1-30-3-2WH
Company:	NEWFIELD EXPLORATION CO.	**TVD Reference:**	KB @ 5202.90ft (Original Well Elev)
Project:	DUCHESNE COUNTY, UT	**MD Reference:**	KB @ 5202.90ft (Original Well Elev)
Site:	1-30-3-2WH	**North Reference:**	True
Well:	1-30-3-2WH	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	1-30-3-2WH		
Design:	PLAN #1		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
8,688.67	8,341.00	7"	7	8-3/4

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
2,500.00	2,500.00	0.00	0.00	Start Build 2.00
2,784.93	2,784.46	-9.41	10.58	Start 5097.52 hold at 2784.93 MD
7,882.45	7,856.79	-345.85	388.75	Start DLS 11.00 TFO 47.79
8,688.67	8,341.00	-887.98	431.01	Start 3969.52 hold at 8688.67 MD
12,658.19	8,167.00	-4,853.53	466.10	TD at 12658.19

RECEIVED: October 04, 2012

API Well Number: 43013517500000

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Greg Boggs personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Greg Boggs. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Shields 1-30-3-2WH well with a surface location to be positioned in the SESE of Section 19, Township 3 South, Range 2 West (the "Drillsite Location"), with a wellbore point of entry in the NENE of Section 30, Township 3 South, Range 2 West, and a bottom hole location to be positioned in the SESE of Section 30, Township 3 South, Range 2 West, Duchesne County, Utah. The surface owner of the Drillsite Location is Lavon R. Giles, Diane M. Giles, and Shannon L. Giles, whose address is HC 65 Box 50, Altamont, UT 84001 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated July 26, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Greg Boggs

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

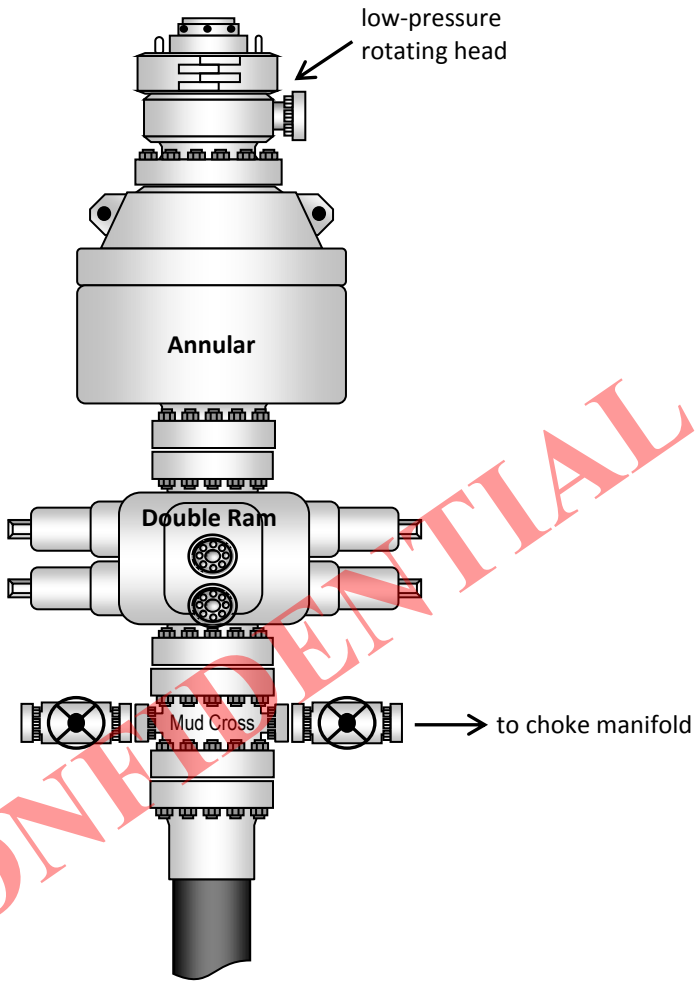
Before me, a Notary Public, in and for the State, on this 30th day of July, 2012, personally appeared Greg Boggs, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

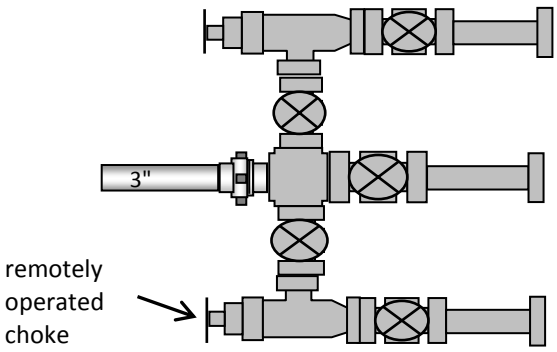
My Commission Expires:

PETER BURNS
NOTARY PUBLIC
STATE OF COLORADO
My Commission Expires 8/09/2015

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: October 04, 2012

API Well Number: 43013517500000

NEWFIELD
ROCKY MOUNTAINS

August 15, 2012

State of Utah
Division of Oil, Gas & Mining
ATTN: Brad Hill
P O Box 145801
Salt Lake City, UT 84114

RE: **Shields 1-30-3-2WH**
Section 30, T3S, R2W
Duchesne County, Utah

Dear Brad,

Newfield Production Company proposes to drill the Shields 1-30-3-2WH from a surface location of 234' FSL & 1083' FEL of Section 19, T3S, R2W. Newfield shall case and cement the Shields 1-30-3-2WH wellbore from the surface location to the point where the wellbore reaches the legal setback of 660' FNL & 660' FWL of Section 30, T3S, R2W. The cased and cemented portion of the wellbore shall not be perforated nor produced. Newfield is the owner of 100% working interest in the northern offset drilling and spacing unit (Section 19, T3S-R2W) and operator of the Giles 1-19-3-2W. In the event a future recompletion into the cased and cemented portion of the wellbore is proposed, Newfield shall file the appropriate application with the State.

The proposed horizontal lateral of the Shields 1-30-3-2WH shall be drilled from north to south along the 660' FEL of Section 30 legal setback. In the event the horizontal lateral drifts east, this letter shall serve as consent to the exception location. Newfield owns 100% of the eastern offset drilling and spacing unit (Section 29, T3S-R2W) and is operator of the Abbott 3-29-3-2W & Larsen 2-29-3-2WH.

Due to these circumstances, Newfield respectfully requests that DOGM administratively grant an exception location for the Shields 1-30-3-2WH.

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-383-4197 or by email at sgillespie@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Shane Gillespie
Landman

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

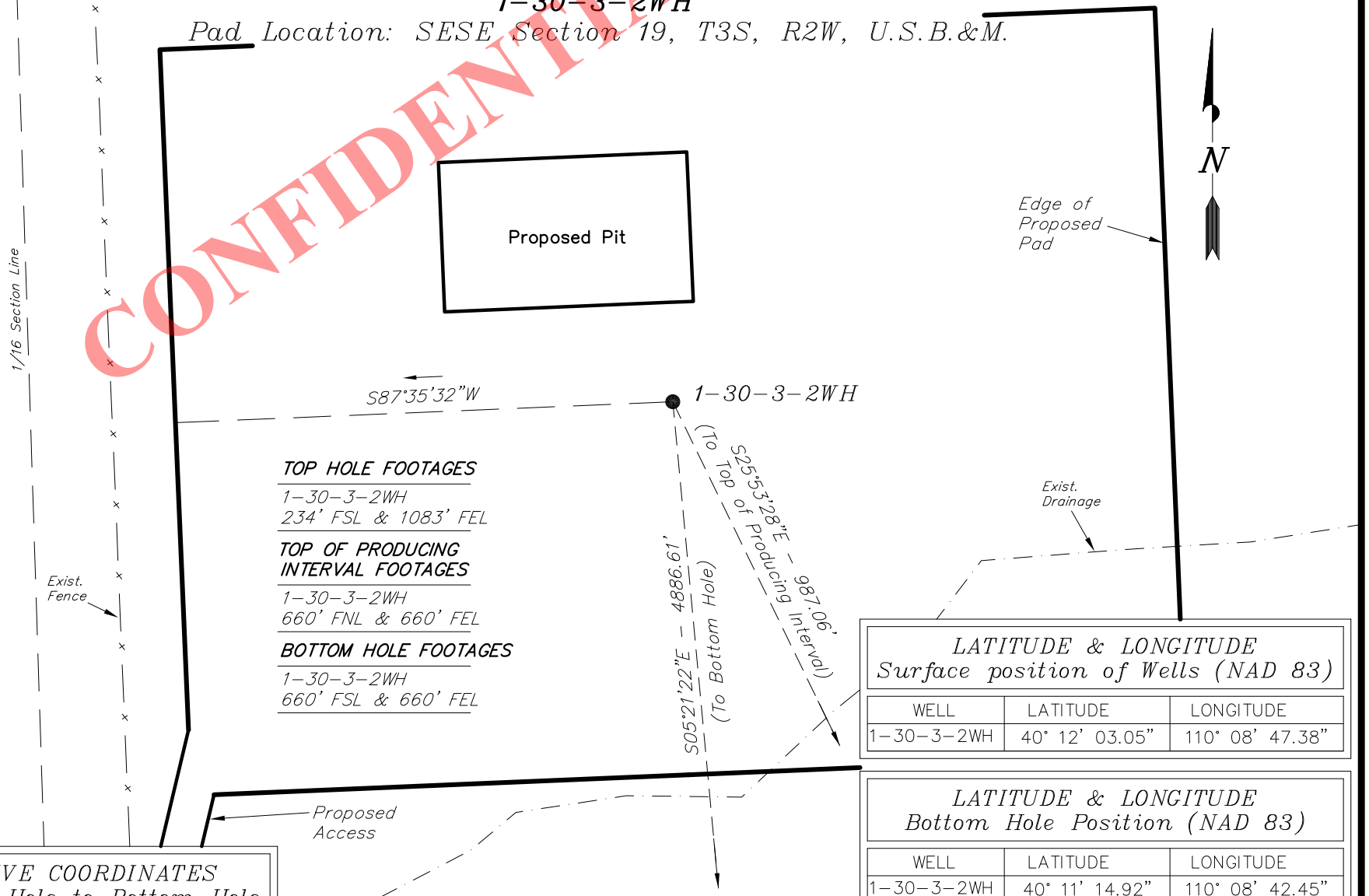
API Well Number: 43013517500000

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



TOP HOLE FOOTAGES

1-30-3-2WH
234' FSL & 1083' FEL

TOP OF PRODUCING INTERVAL FOOTAGES

1-30-3-2WH
660' FNL & 660' FEL

BOTTOM HOLE FOOTAGES

1-30-3-2WH
660' FSL & 660' FEL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
1-30-3-2WH	40° 12' 03.05"	110° 08' 47.38"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
1-30-3-2WH	40° 11' 14.92"	110° 08' 42.45"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
1-30-3-2WH	-4,865'	456'

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: October 04, 2012

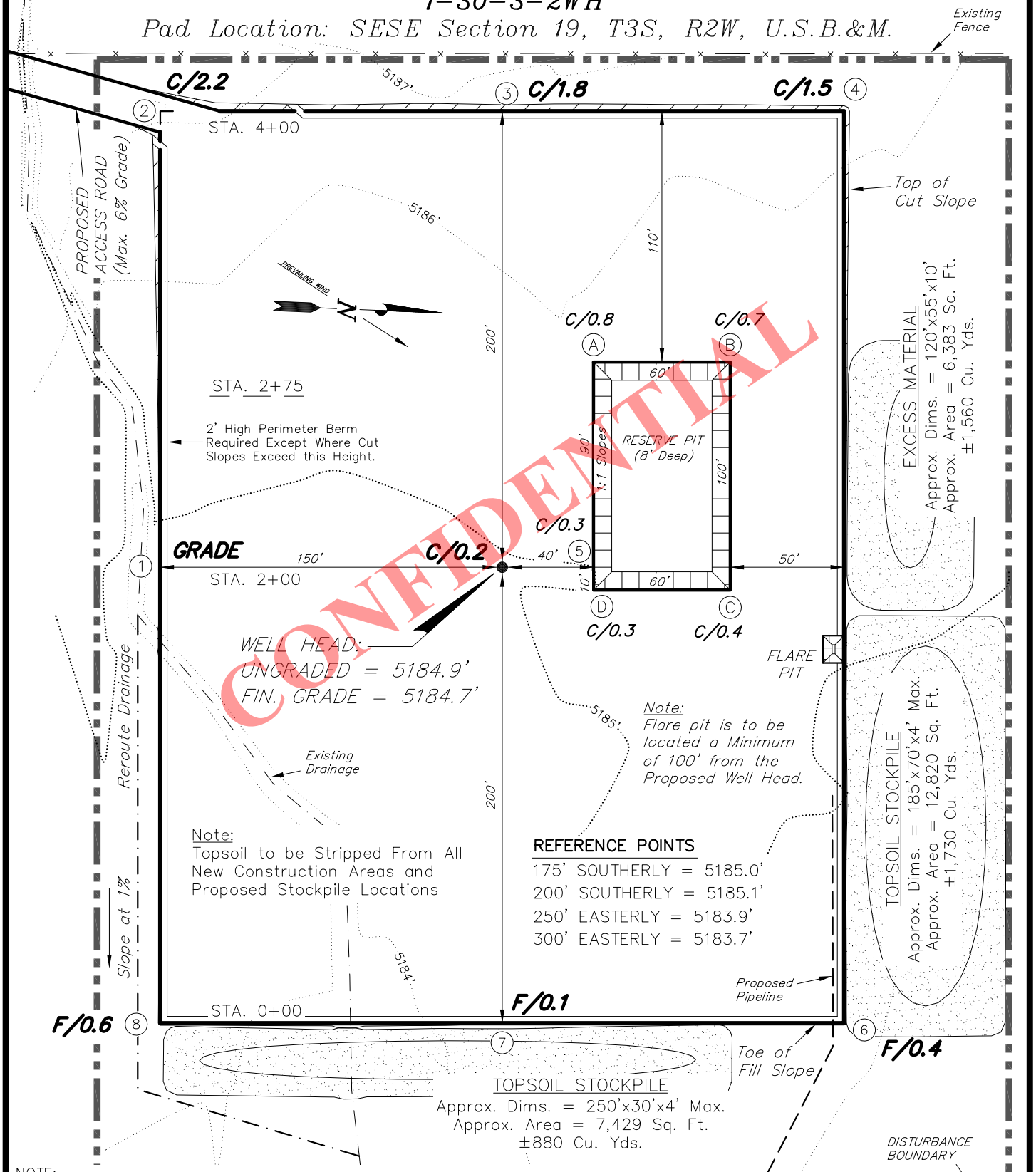
API Well Number: 43013517500000

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,170 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

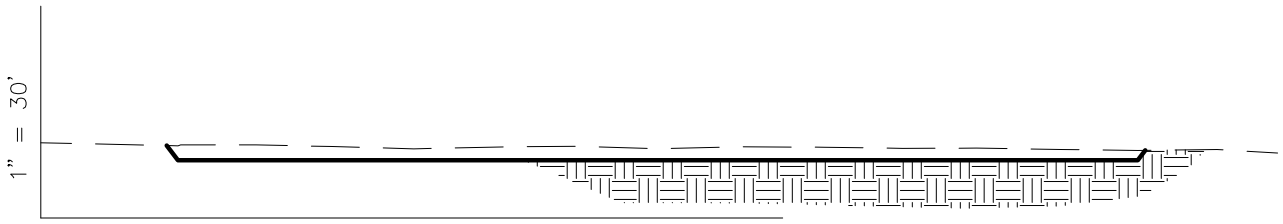
RECEIVED: October 04, 2012

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

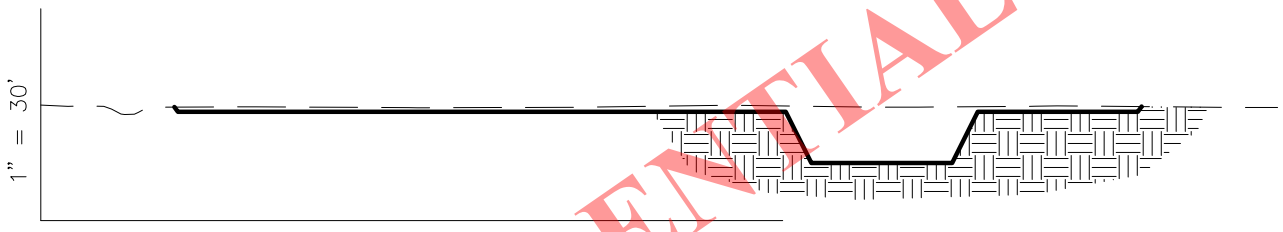
1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



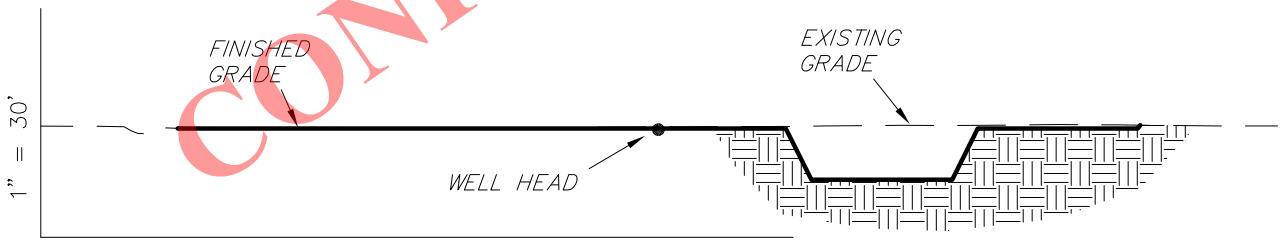
1" = 60'

STA. 4+00



1" = 60'

STA. 2+75



1" = 60'

STA. 2+00

1" = 60'

STA. 0+00

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,190	1,190	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	2,610	1,190	2,380	1,420

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

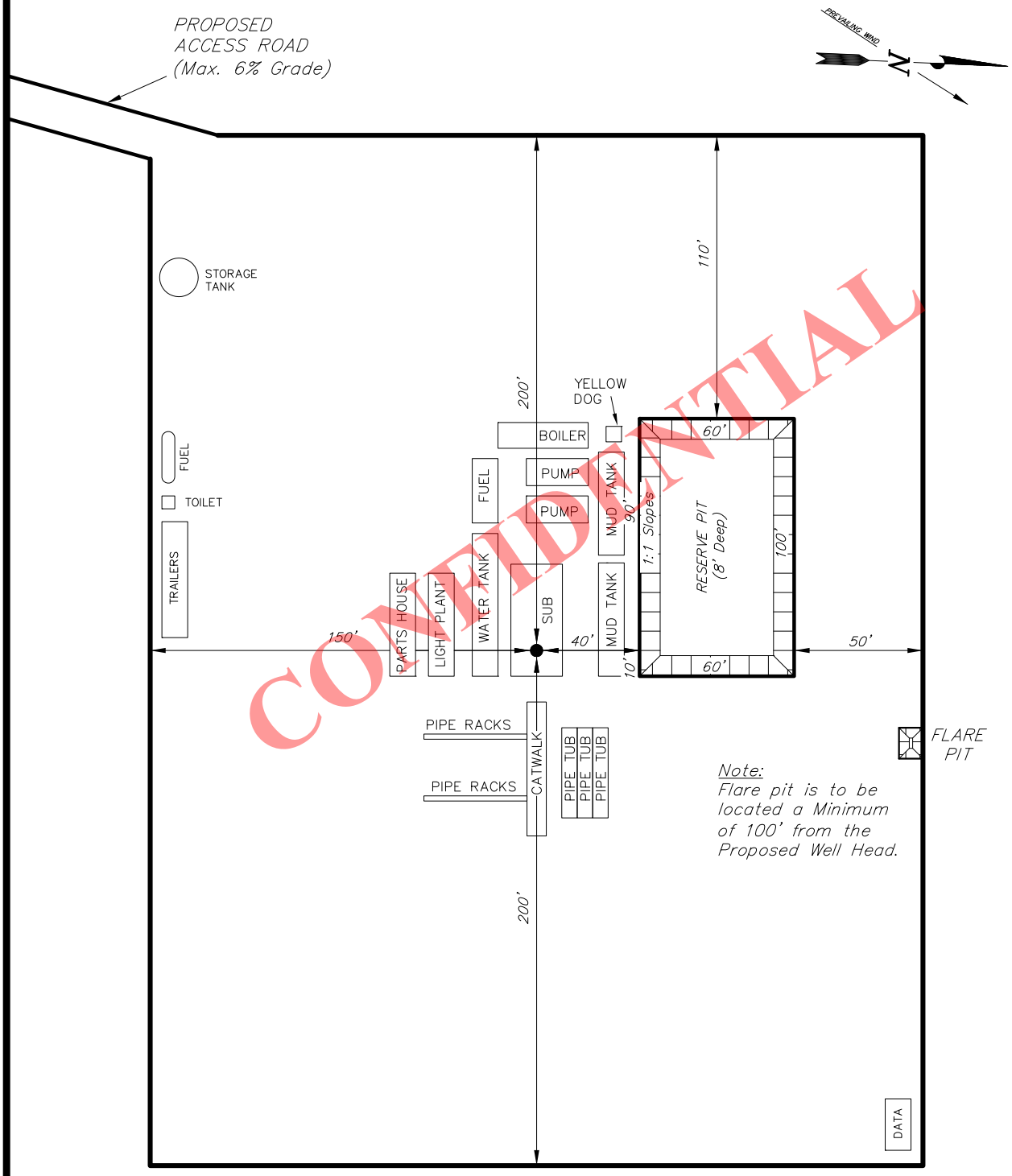
RECEIVED: October 04, 2012

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

1-30-3-2WH

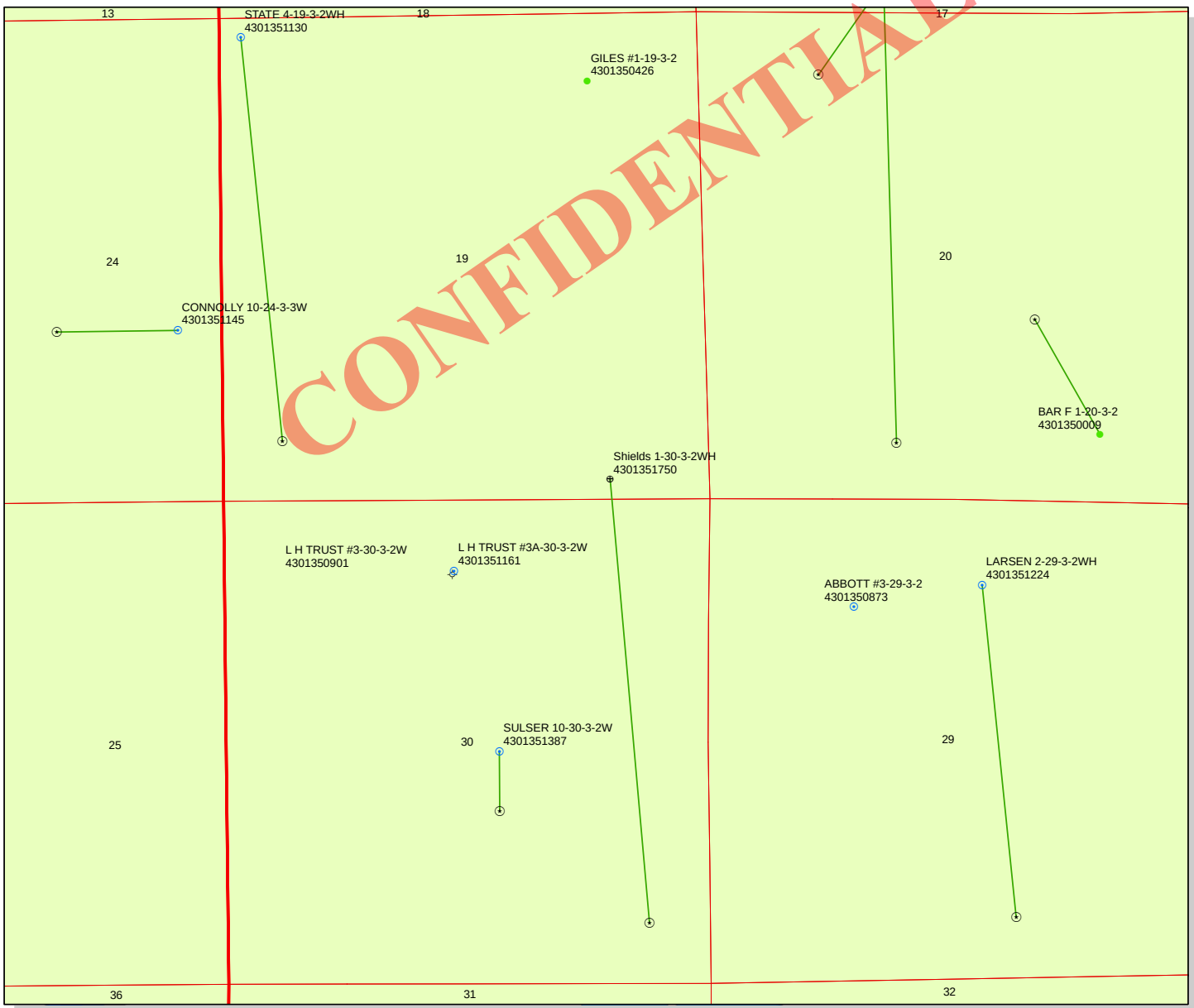
Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V1	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED:		

RECEIVED: October 04, 2012

API Well Number: 43013517500000



API Number: 4301351750

Well Name: Shields 1-30-3-2WH

Township T03.0S Range R02.0W Section 19

Meridian: UBM

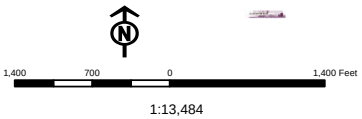
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well
- Bottom Hole Location - OilGasDb



1:13,484

RECEIVED: October 12, 2012

API Well Number: 43013517500000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY Shields 1-30-3-2WH 43013517500000

Well Name	NEWFIELD PRODUCTION COMPANY Shields 1-30-3-2WH 43013517500000			
String	Cond	Surf	I1	Prod
Casing Size(")	14.000	9.625	7.000	4.500
Setting Depth (TVD)	60	2500	8341	8167
Previous Shoe Setting Depth (TVD)	0	60	2500	8341
Max Mud Weight (ppg)	8.3	8.3	10.5	10.5
BOPE Proposed (psi)	0	500	5000	5000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	4247			10.0

Calculations	Cond String	14.000 "	
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Surf String	9.625 "	
Max BHP (psi)	.052*Setting Depth*MW=	1079	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	779	NO diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	529	NO Reasonable depth in area
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	542	NO
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000 "	
Max BHP (psi)	.052*Setting Depth*MW=	4554	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3553	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2719	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3269	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2500	psi *Assumes 1psi/ft frac gradient

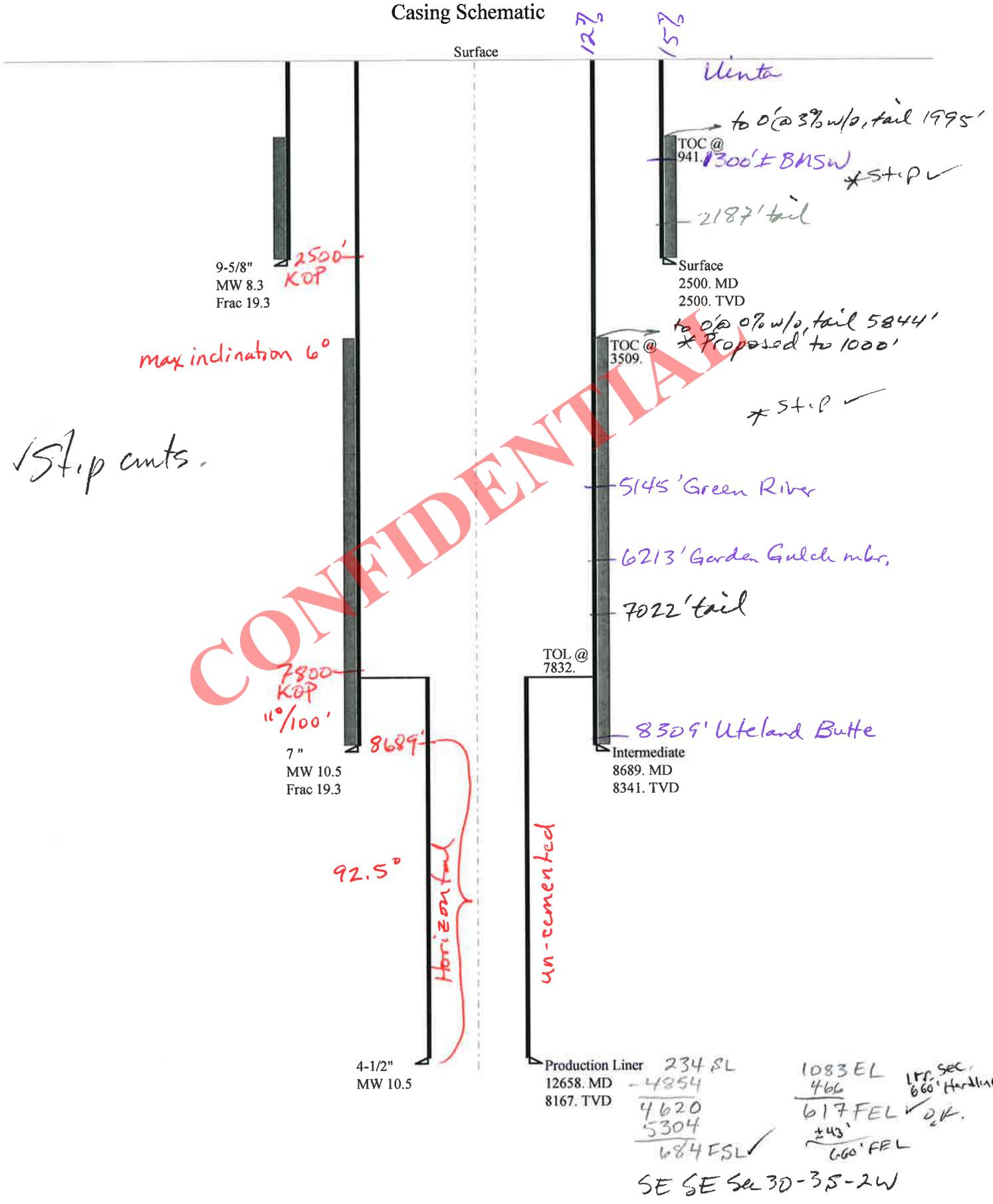
Calculations	Prod String	4.500 "	
Max BHP (psi)	.052*Setting Depth*MW=	4459	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3479	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2662	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4497	YES
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8341	psi *Assumes 1psi/ft frac gradient

RECEIVED: December 11, 2012

API Well Number: 43013517500000

43013517500000 Shields 1-30-3-2WH

Casing Schematic



API Well Number: 43013517500000

Well name:	**43013517500000 Shields 1-30-3-2WH**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-51750
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,950 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,500 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,192 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 941 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 8,341 ft
Next mud weight: 10.500 ppg
Next setting BHP: 4,550 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,500 ft
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2500	9.625	36.00	J-55	LT&C	2500	2500	8.796	20441

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1082	2020	1.867	2500	3520	1.41	90	453	5.03 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 29,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013517500000

Well name:	**43013517500000 Shields 1-30-3-2WH**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Intermediate
Project ID:	43-013-51750
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	10.500 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	2,715 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	4,550 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 7,042 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	191 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	3,509 ft

Directional well information:

Kick-off point	2500 ft
Departure at shoe:	987 ft
Maximum dogleg:	11 °/100ft
Inclination at shoe:	92.51 °

Re subsequent strings:

Next setting depth:	8,167 ft
Next mud weight:	10.500 ppg
Next setting BHP:	4,455 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	8,341 ft
Injection pressure:	8,341 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	8689	7	26.00	P-110	Buttress	8341	8689	6.151	96630

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4116	6230	1.513	4550	9950	2.19	216.9	830.4	3.83 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 29,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8341 ft, a mud weight of 10.5 ppg An internal gradient of .052 psi/ft was used for collapse from TD
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013517500000

Well name:	**43013517500000 Shields 1-30-3-2WH**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production Liner
Project ID:	43-013-51750
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 10.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,658 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 4,455 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,153 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 188 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Liner top: 7,832 ft
Directional well information:
Kick-off point 2500 ft
Departure at shoe: 4876 ft
Maximum dogleg: 11 °/100ft
Inclination at shoe: 92.51 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	4858	4.5	13.50	P-110	Buttress	8167	12658	3.795	29145

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4455	10680	2.397	4493	12410	2.76	5.3	421.9	79.64 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: November 29,2012
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 8167 ft, a mud weight of 10.5 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	Shields 1-30-3-2WH				
API Number	43013517500000	**APD No**	6978	**Field/Unit**	UNDESIGNATED
Location: 1/4,1/4	SESE **Sec** 19 **Tw** 3.0S **Rng** 2.0W	234 FSL	1083 FEL		
GPS Coord (UTM)		**Surface Owner**	Lavon R. Giles, Diane M. Giles, and Shannon L. Giles		

Participants

Tim Eaton, Forrest Bird, Zander McIntyre - Newfield

Regional/Local Setting & Topography

This location is in the area known as Arcadia. It is typical of this area to have a high water table, Sodic soils and many canals / ditches as this area is dense farm ground. The location is flat with slopes < 2%. The location is very barren and adjacent a cattle pasture and wetland. An irrigation ditch comes very near corner 4 and borders the location on the South. The ground at present slopes away from the ditch and to the Southeast. The location is approximately 1.5 miles North of lake Boreham and 2 miles west of the Lake Fork River bridge.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.255	**Width** 300 **Length** 400	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N
very high water table.

Flora / Fauna
This location is fallow cultivated lands covered in feedlot wastes.
No native flora or wildlife exist on the location. This location is rather barren.

Soil Type and Characteristics
cultivated land. Native soils are sodic

Erosion Issues N

Sedimentation Issues N
sediments may be be transported by sheet flow in heavy precipitation event

Site Stability Issues Y

RECEIVED: December 11, 2012

high water tables make stability difficult

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? Y

operator has detailed plans to berm location which should be adequate

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)		20	
Distance to Surface Water (feet)		20	
Dist. Nearest Municipal Well (ft)	1320 to 5280	5	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)		0	
Affected Populations			
Presence Nearby Utility Conduits	Present	15	
	Final Score	75	1 Sensitivity Level

Characteristics / Requirements

A 60’ x 100' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

landowner has issues with access road and these issues are being worked out at a later date

Chris Jensen	11/14/2012
Evaluator	**Date / Time**

RECEIVED: December 11, 2012

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6978	43013517500000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	Lavon R. Giles, Diane M. Giles, and Shannon L. Giles
Well Name	Shields 1-30-3-2WH	**Unit**	
Field	UNDESIGNATED	**Type of Work**	DRILL
Location	SESE 19 3S 2W U 234 FSL 1083 FEL GPS Coord (UTM) 572640E 4450396N		

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 2,500' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 1,300'. A search of Division of Water Rights records shows 10 water wells within a 10,000 foot radius of the center of Section 19. All wells are privately owned. Depth is listed as ranging from 31 to 400 feet. Depth is not listed for 1 well. Water use is listed as irrigation, stock watering, and domestic use. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect usable ground water in the area.

Brad Hill — **APD Evaluator**

11/26/2012 — **Date / Time**

Surface Statement of Basis

Operator has surface agreement in place with the landowner. Location is proposed in the best possible position within the spacing window. There have been some wetland and tribal property line issues associated with this site. The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Construction standards of the Operator as submitted appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited and was not in attendance for the pre-site inspection. . The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. To mitigate sub soil conditions (high water table) construction of the location will be placed on a geo grid to support placement of 2'- 3' pit run and 6'' of gravel on top as the operator deems necessary.

Chris Jensen — **Onsite Evaluator**

11/14/2012 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

RECEIVED: December 11, 2012

Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: December 11, 2012

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/4/2012
API NO. ASSIGNED: 43013517500000
WELL NAME: Shields 1-30-3-2WH
OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)
PHONE NUMBER: 435 719-2018
CONTACT: Don Hamilton

PROPOSED LOCATION: SESE 19 030S 020W
Permit Tech Review: ☑

SURFACE: 0234 FSL 1083 FEL
Engineering Review: ☑

BOTTOM: 0660 FSL 0660 FEL
Geology Review: ☑

COUNTY: DUCHESNE
LATITUDE: 40.20082
LONGITUDE: -110.14652
UTM SURF EASTINGS: 572640.00
NORTHINGS: 4450396.00
FIELD NAME: UNDESIGNATED
LEASE TYPE: 4 - Fee
LEASE NUMBER: Patented
PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 4 - Fee
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE/FEE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90
Effective Date: 5/9/2012
Siting: 4 Producing Grrv-Wstc Wells In Sec Drl Unit

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
1 - Exception Location - bhill
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
25 - Surface Casing - hmacdonald
27 - Other - bhill

RECEIVED: December 11, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Shields 1-30-3-2WH
API Well Number: 43013517500000
Lease Number: Patented
Surface Owner: FEE (PRIVATE)
Approval Date: 12/11/2012

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-90. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Surface casing shall be cemented to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 1000' MD as

indicated in the submitted drilling plan.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Shields 1-30-3-2WH

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013517500000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0234 FSL 1083 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 19 Township: 03.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 3/10/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production Company requests approval to relocate the access road and pipeline corridor associated with this well. Attached please find an upated plat package (Version 3) reflecting this change. Surface use for the well site remains in place with the private land owner with surface use for the access road and pipeline pending with the Ute Indian Tribe at this time.

Accepted by the Utah Division of Oil, Gas and Mining

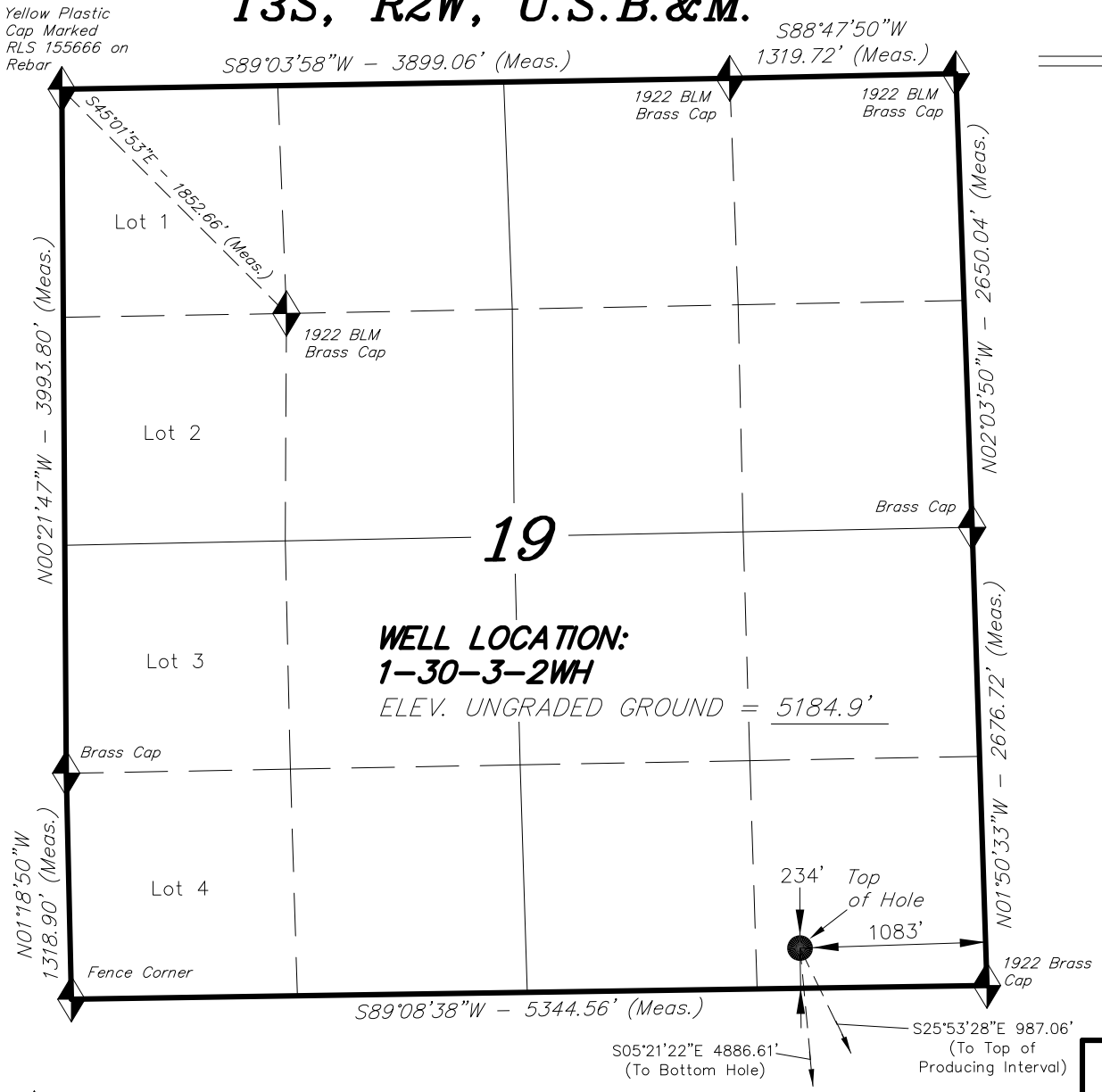
Date: March 12, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		2/25/2013

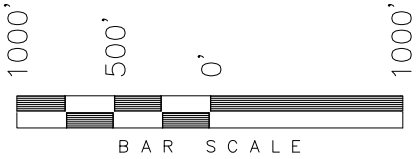
RECEIVED: Feb. 25, 2013

T3S, R2W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 1-30-3-2WH, LOCATED AS SHOWN IN THE SE 1/4 SE 1/4 OF SECTION 19, T3S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

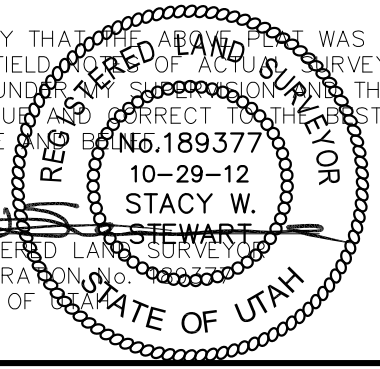


NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH



= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

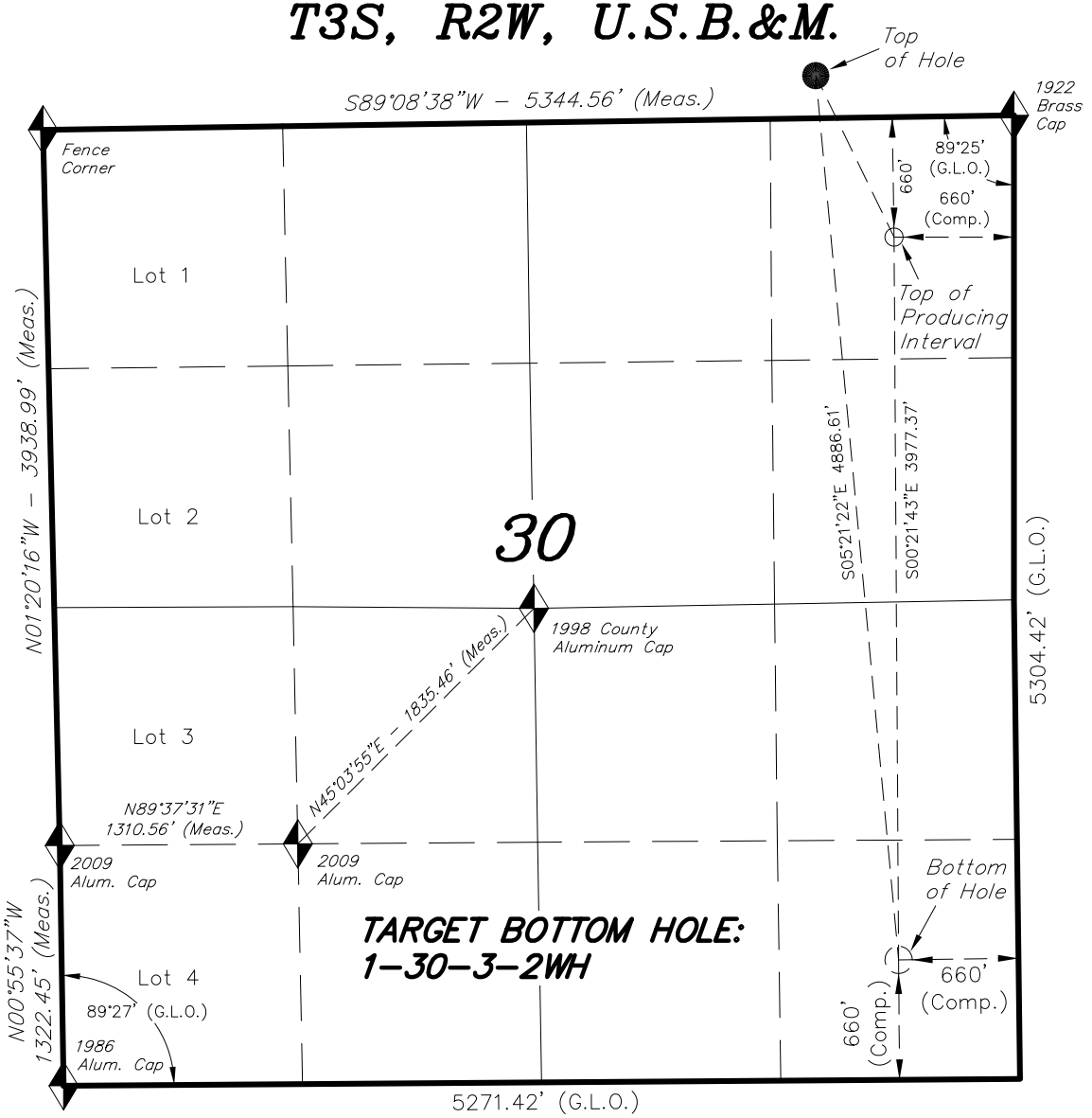
NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'03.05"
LONGITUDE = 110°08'47.38"
NAD 27 (SURFACE LOCATION)
LATITUDE = 40°12'03.20"
LONGITUDE = 110°08'44.83"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 05-11-12	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 06-07-12	DRAWN BY: R.B.T.	V3
REVISED: 10-29-12 F.T.M.	SCALE: 1" = 1000'	

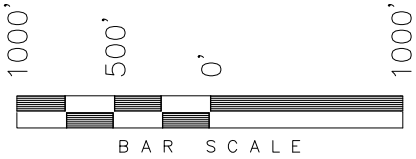
RECEIVED: Feb. 25, 2013

T3S, R2W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, 1–30–3–2WH,
LOCATED AS SHOWN IN THE SE 1/4
SE 1/4 OF SECTION 30, T3S, R2W,
U.S.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Top of Producing Interval bears S25°53'28"E 987.06' from the Top of Hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
No. 189377
10–29–12
STACY W. STEWART
STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (TOP OF PROD. INTERVAL)
LATITUDE = 40°11'54.21"
LONGITUDE = 110°08'42.00"
NAD 27 (TOP OF PROD. INTERVAL)
LATITUDE = 40°11'54.36"
LONGITUDE = 110°08'39.45"
NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°11'14.92"
LONGITUDE = 110°08'42.45"
NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°11'15.07"
LONGITUDE = 110°08'39.90"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781–2501

DATE SURVEYED: 05–11–12	SURVEYED BY: S.V.	VERSION:
DATE DRAWN: 06–07–12	DRAWN BY: R.B.T.	V3
REVISED: 10–29–12 F.T.M.	SCALE: 1" = 1000'	

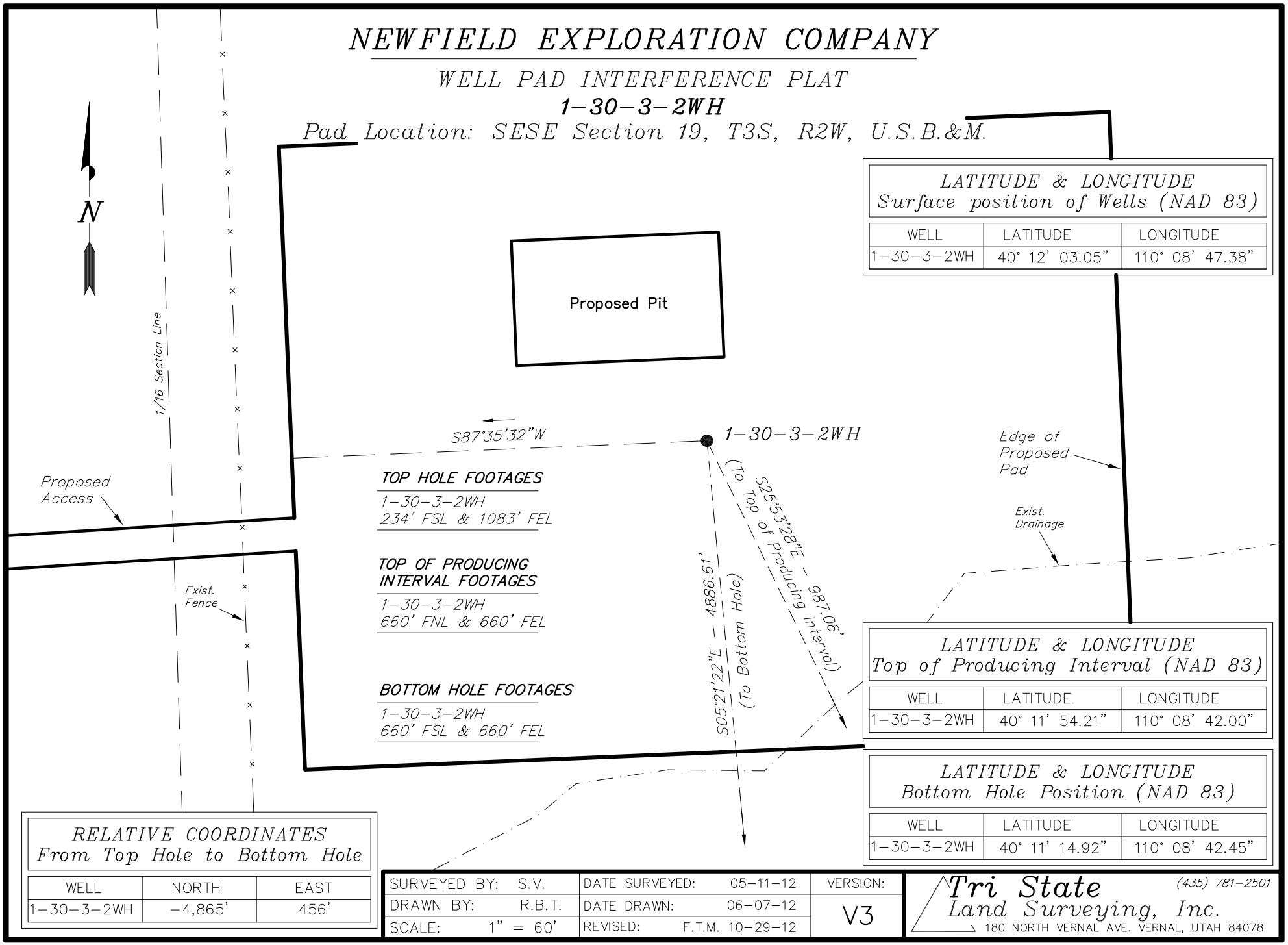
RECEIVED: Feb. 25, 2013

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
1-30-3-2WH	40° 12' 03.05"	110° 08' 47.38"

LATITUDE & LONGITUDE
Top of Producing Interval (NAD 83)

WELL	LATITUDE	LONGITUDE
1-30-3-2WH	40° 11' 54.21"	110° 08' 42.00"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
1-30-3-2WH	40° 11' 14.92"	110° 08' 42.45"

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
1-30-3-2WH	-4,865'	456'

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 10-29-12		

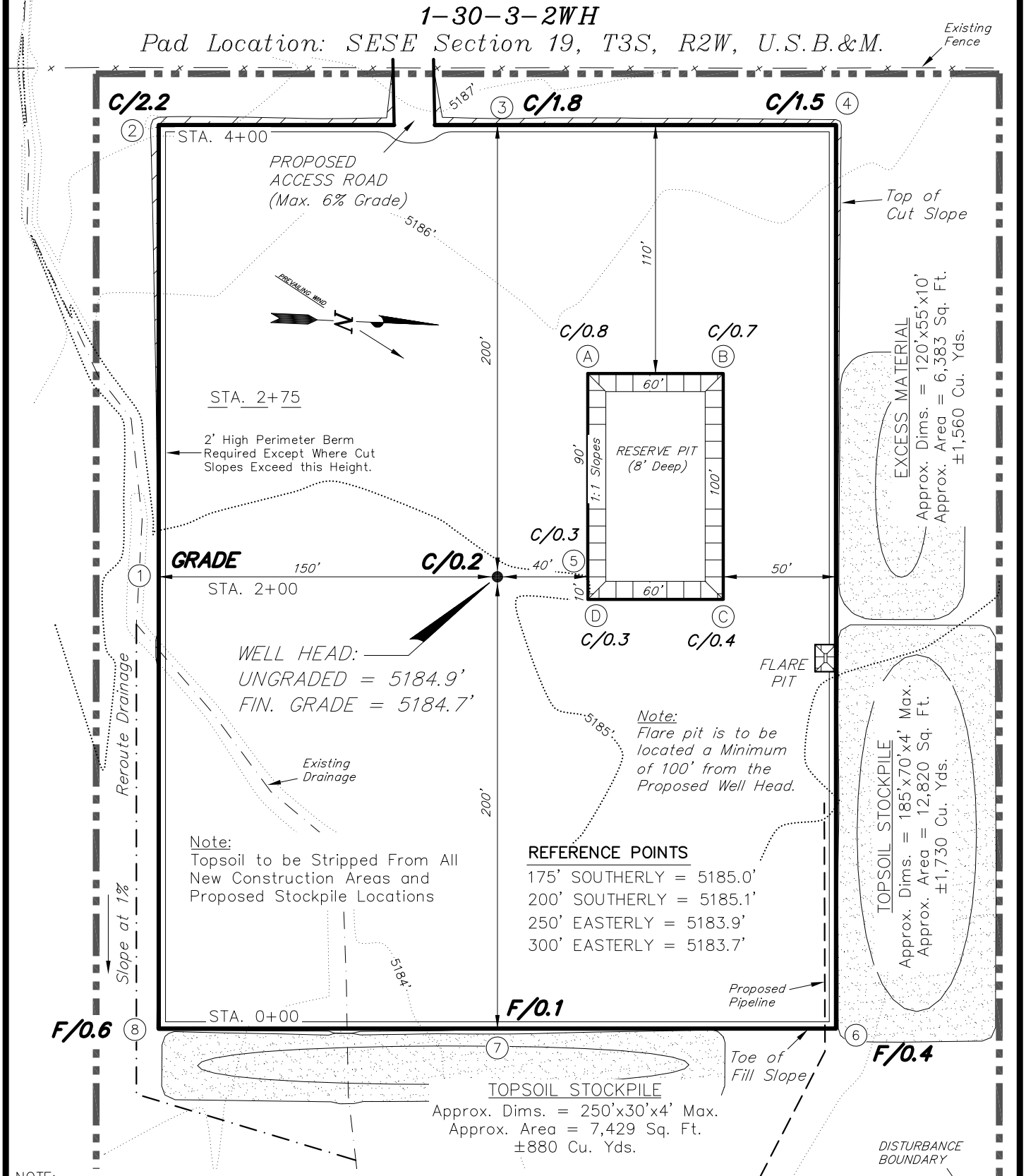
RECEIVED: Feb. 25, 2013

NEWFIELD EXPLORATION COMPANY

PROPOSED LOCATION LAYOUT

1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



NOTE:
The topsoil & excess material areas are calculated as being mounds containing 4,170 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 10-29-12		

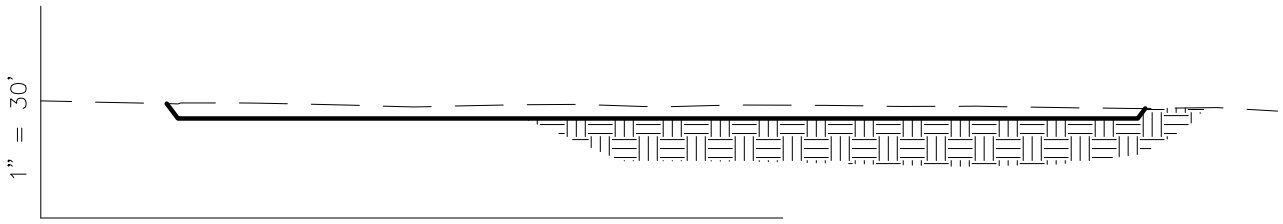
RECEIVED: Feb. 25, 2013

NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

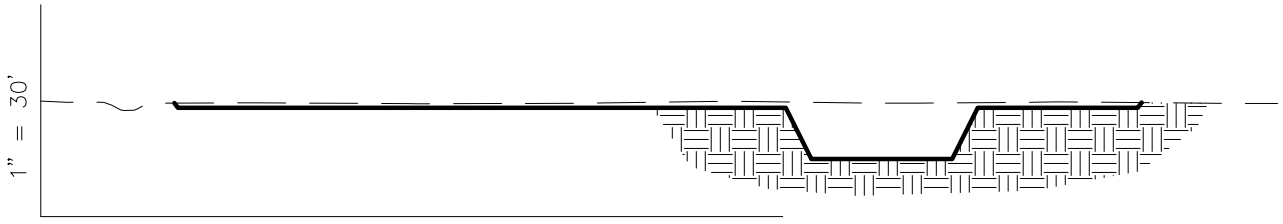
1-30-3-2WH

Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



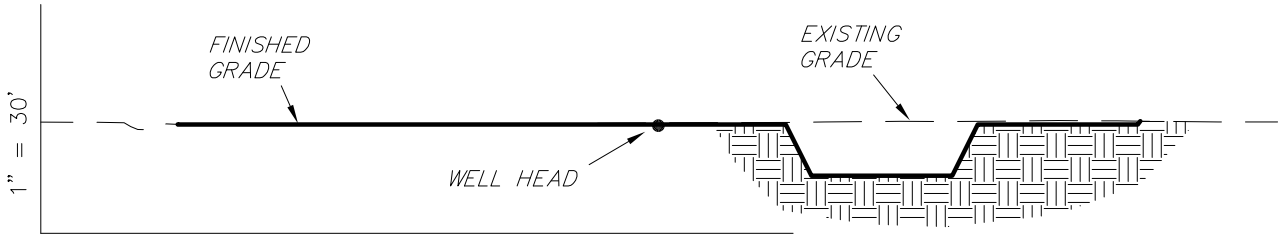
1" = 60'

STA. 4+00



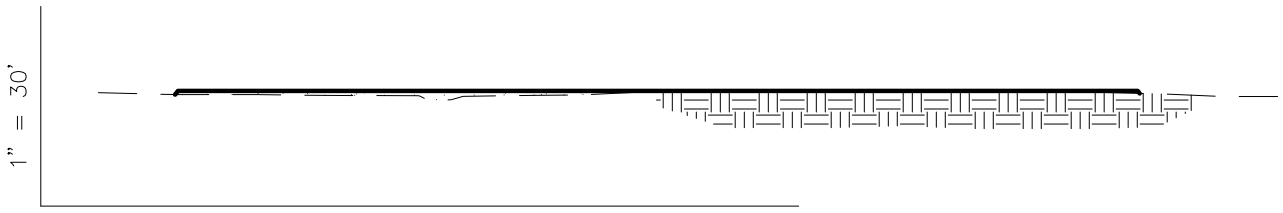
1" = 60'

STA. 2+75



1" = 60'

STA. 2+00



1" = 60'

STA. 0+00

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,190	1,190	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
TOTALS	2,610	1,190	2,380	1,420

SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 10-29-12		

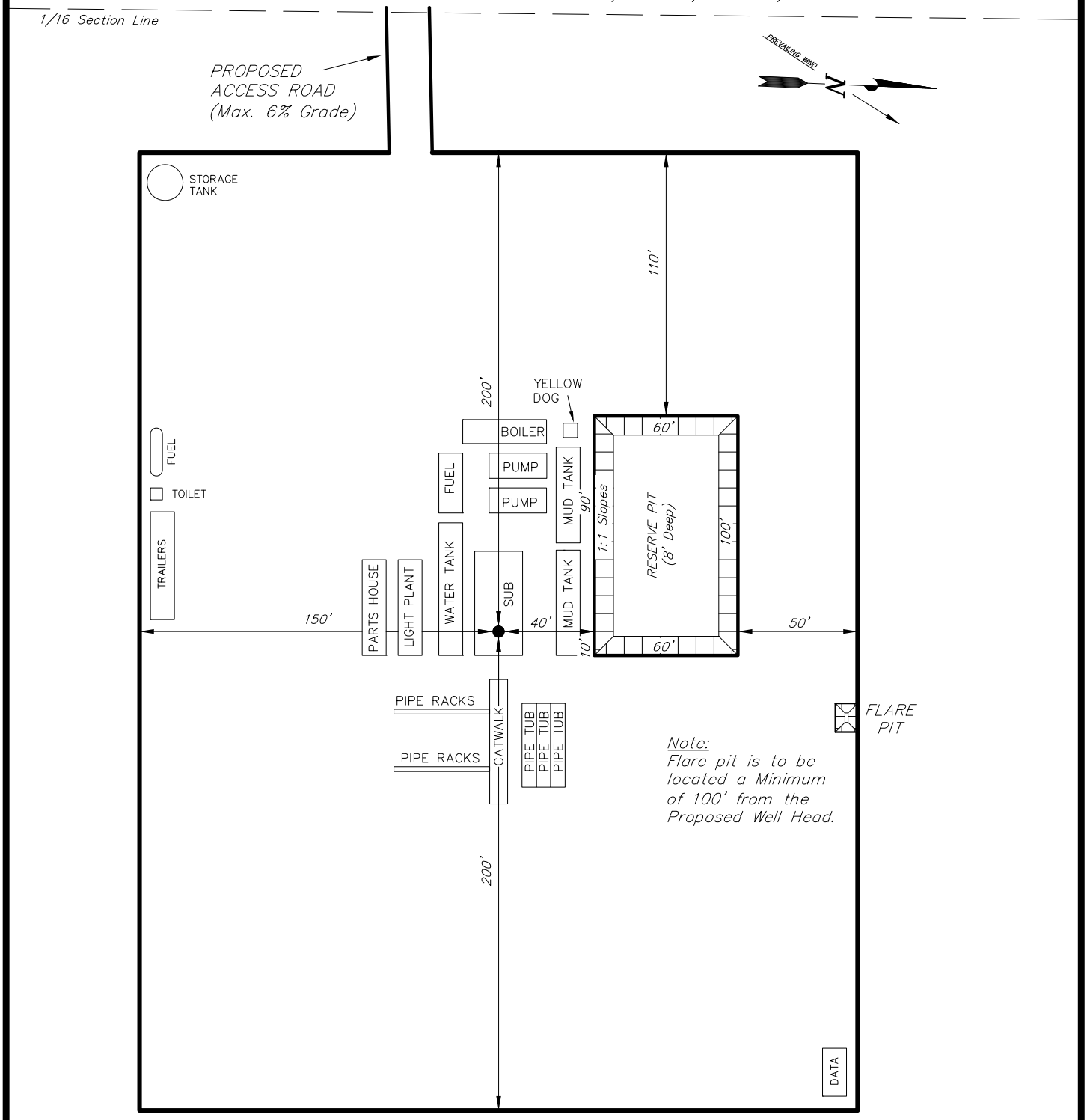
RECEIVED: Feb. 25, 2013

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

1-30-3-2WH

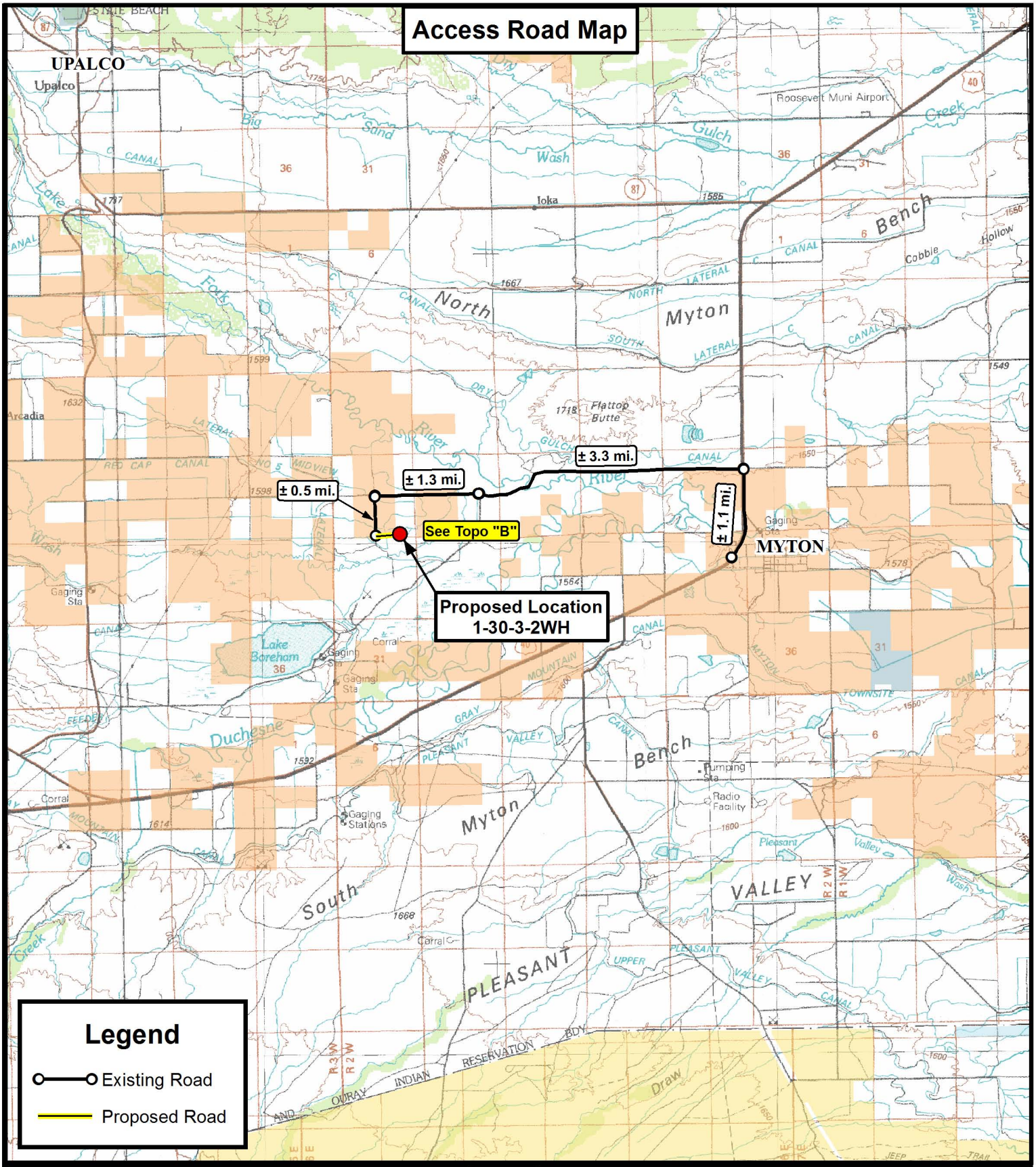
Pad Location: SESE Section 19, T3S, R2W, U.S.B.&M.



SURVEYED BY: S.V.	DATE SURVEYED: 05-11-12	VERSION:	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: R.B.T.	DATE DRAWN: 06-07-12	V3	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 60'	REVISED: F.T.M. 10-29-12		

RECEIVED: Feb. 25, 2013

Access Road Map



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

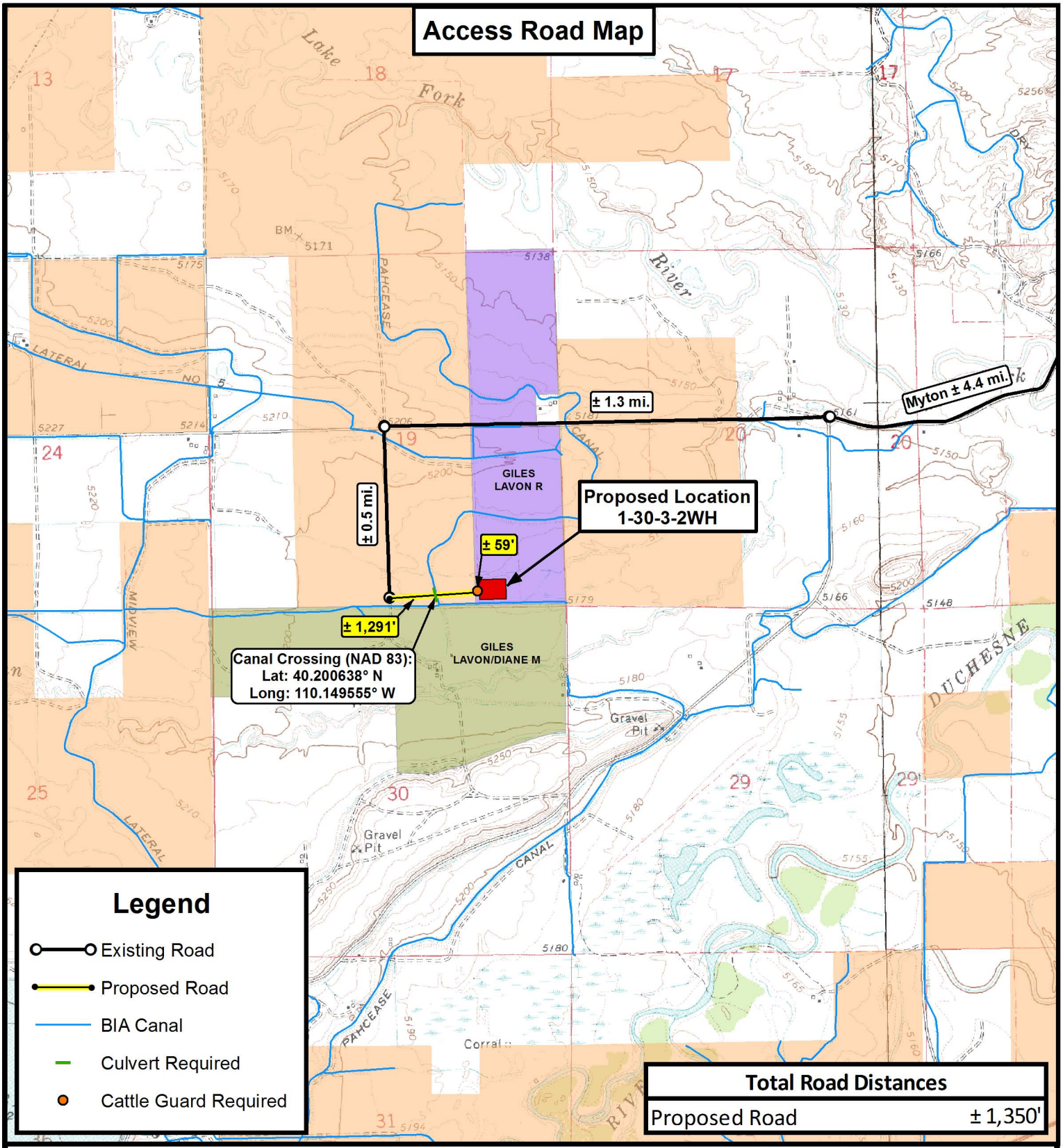
1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-29-12 A.P.C	VERSION:
DATE:	06-06-2012			V3
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET A

Access Road Map



Legend

- Existing Road
- Proposed Road
- BIA Canal
- Culvert Required
- Cattle Guard Required

Total Road Distances	
Proposed Road	± 1,350'

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

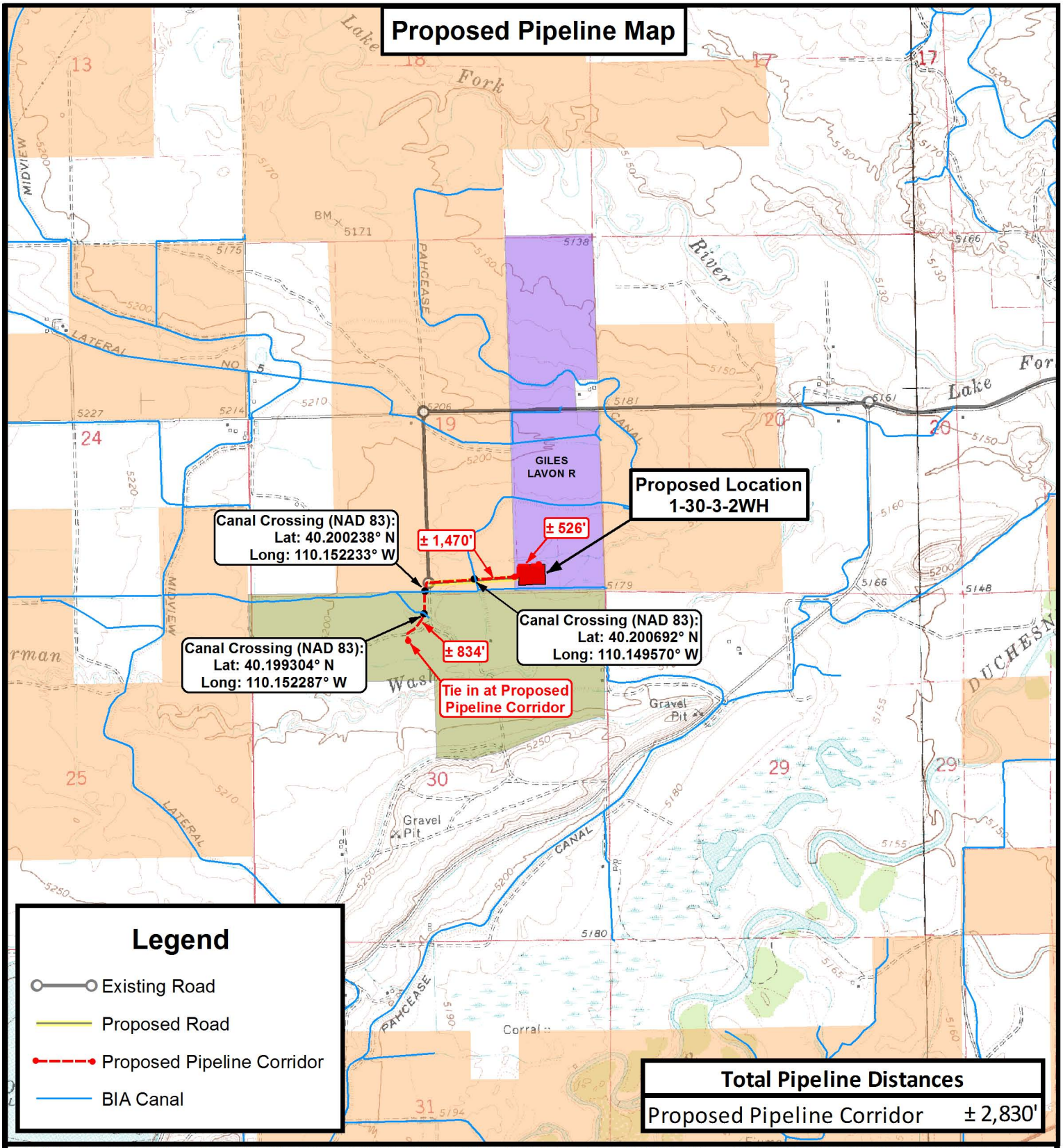
1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-29-12 A.P.C	VERSION:
DATE:	06-06-2012			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET B

Proposed Pipeline Map



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F: (435) 781-2518

N

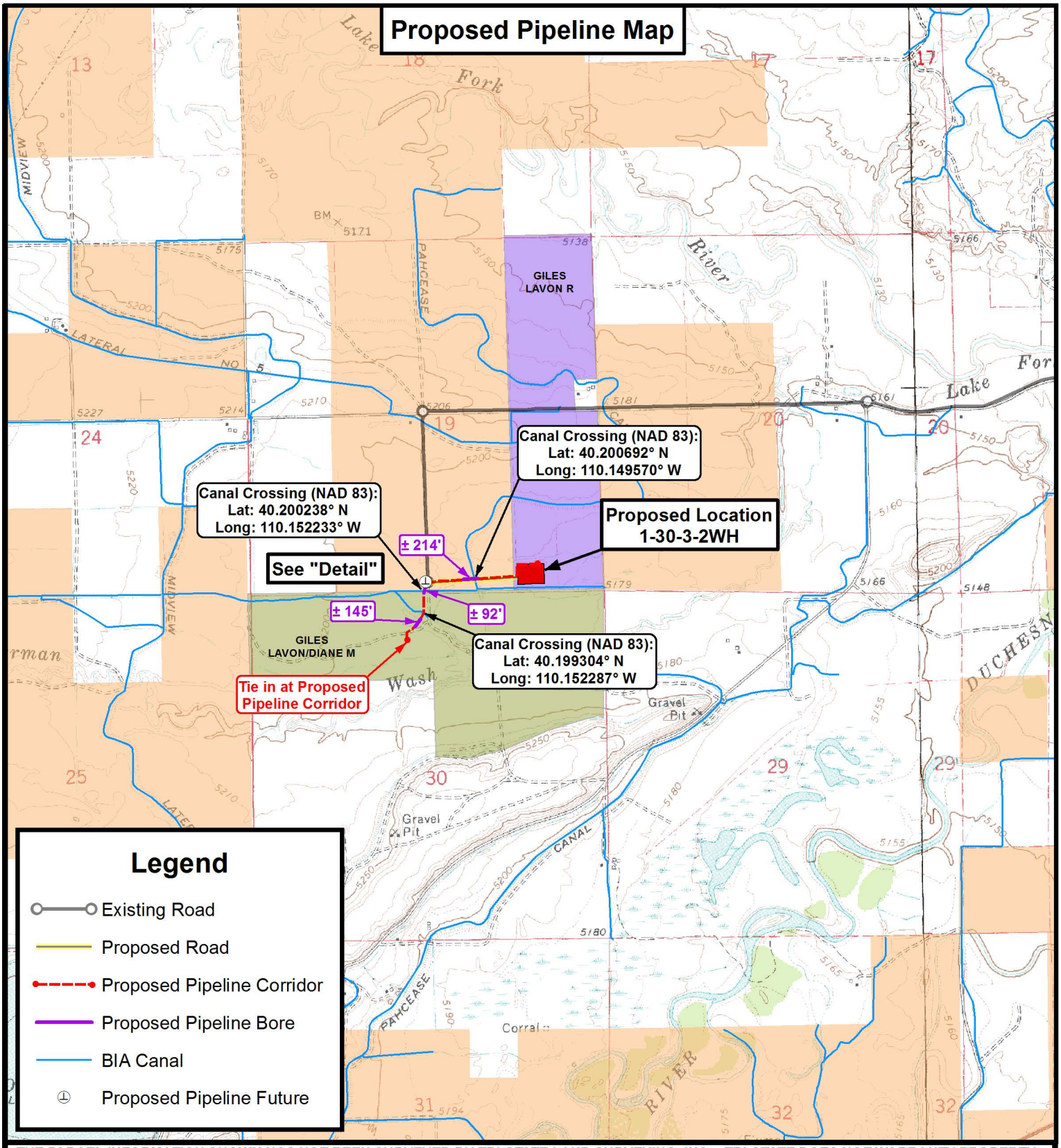
NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-29-12 A.P.C	VERSION:
DATE:	06-06-2012			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C1



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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N

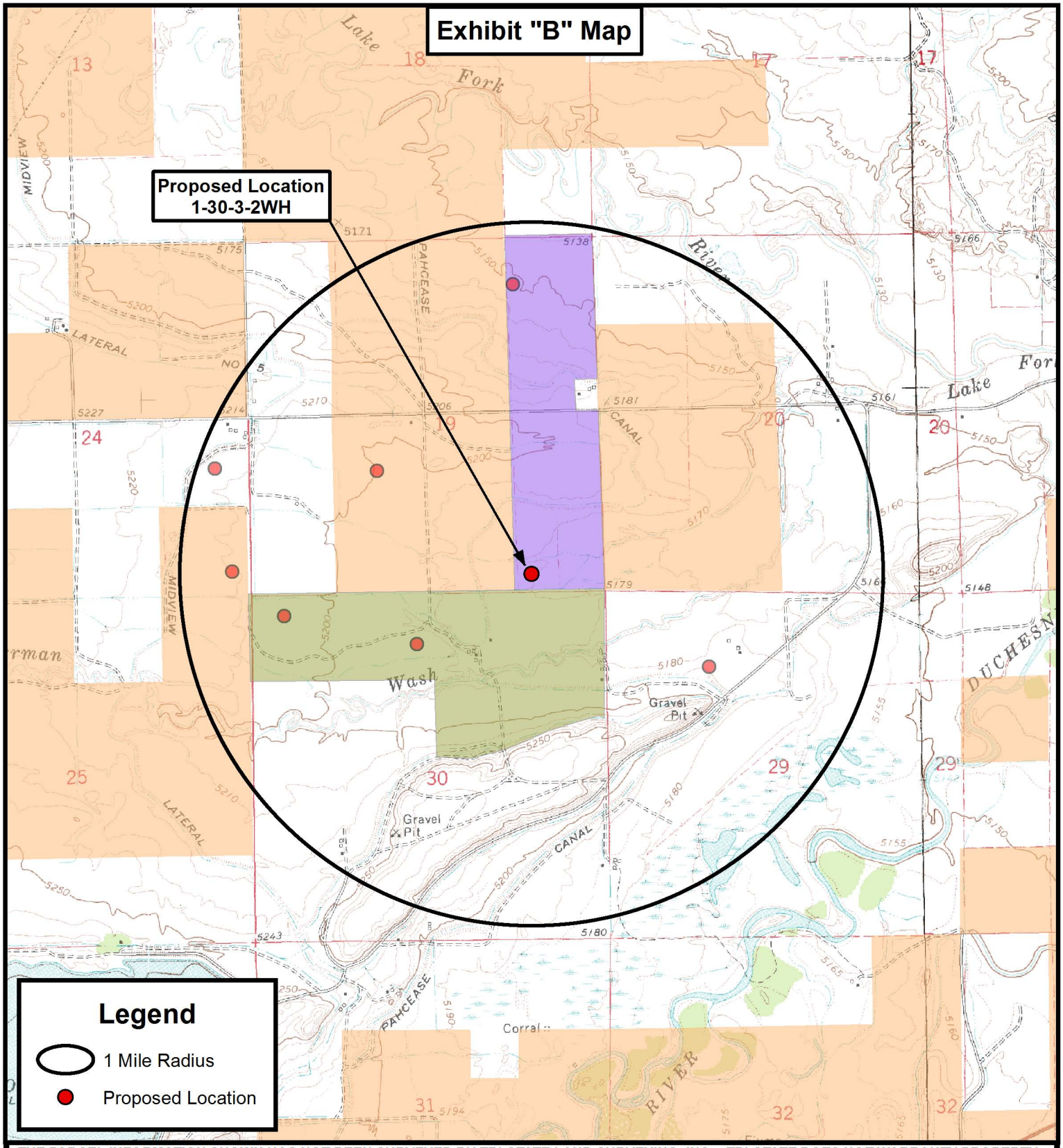
NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-29-12 A.P.C	VERSION:
DATE:	06-06-2012			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET C2



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 19, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	10-29-12 A.P.C	VERSION:
DATE:	06-06-2012			V3
SCALE:	1 " = 2,000 '			

TOPOGRAPHIC MAP

SHEET D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
1-30-3-2WH	Surface Hole	40° 12' 03.05" N	110° 08' 47.38" W
1-30-3-2WH	Top of Producing Interval	40° 11' 54.21" N	110° 08' 42.00" W
1-30-3-2WH	Bottom of Hole	40° 11' 14.92" N	110° 08' 42.45" W

Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
1-30-3-2WH	Surface Hole	40.200847	110.146493
1-30-3-2WH	Top of Producing Interval	40.198392	110.144999
1-30-3-2WH	Bottom of Hole	40.187478	110.145125

Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
1-30-3-2WH	Surface Hole	4450398.880	572641.638
1-30-3-2WH	Top of Producing Interval	4450127.665	572771.437
1-30-3-2WH	Bottom of Hole	4448916.094	572772.406

Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
1-30-3-2WH	Surface Hole	40° 12' 03.20" N	110° 08' 44.83" W
1-30-3-2WH	Top of Producing Interval	40° 11' 54.36" N	110° 08' 39.45" W
1-30-3-2WH	Bottom of Hole	40° 11' 15.07" N	110° 08' 39.90" W

Well Number	Feature Type	Latitude (NAD 27) (DD)	Longitude (NAD 27) (DD)
1-30-3-2WH	Surface Hole	40.200888	110.145786
1-30-3-2WH	Top of Producing Interval	40.198433	110.144291
1-30-3-2WH	Bottom of Hole	40.187518	110.144417

Well Number	Feature Type	Northing (NAD 27) (UTM Meters)	Longitude (NAD 27) (UTM Meters)
1-30-3-2WH	Surface Hole	4450193.575	572703.730
1-30-3-2WH	Top of Producing Interval	4449922.360	572833.531
1-30-3-2WH	Bottom of Hole	4448710.787	572834.509

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

1-30-3-2WH
SEC. 30, T3S, R2W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED: 10-29-12 A.P.C	COORDINATE REPORT
DATE:	09-26-2012		SHEET 1
VERSION:	V3		

RECEIVED: Feb. 25, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Patented

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Shields 1-30-3-2WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013517500000

3. ADDRESS OF OPERATOR:
1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER:
303 382-4443 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0234 FSL 1083 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 19 Township: 03.0S Range: 02.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/15/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is being submitted to request an extension to this APD that expires on 12/11/2013.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 18, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Melissa Luke	303 323-9769	Regulatory Technician
SIGNATURE		**DATE**
N/A		11/13/2013

RECEIVED: Nov. 13, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013517500000

API: 43013517500000
Well Name: Shields 1-30-3-2WH
Location: 0234 FSL 1083 FEL QTR SESE SEC 19 TWNP 030S RNG 020W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 12/11/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Melissa Luke **Date:** 11/13/2013
Title: Regulatory Technician **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Nov. 13, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: Patented

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Shields 1-30-3-2WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013517500000

3. ADDRESS OF OPERATOR:
1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER:
303 382-4443 Ext

9. FIELD and POOL or WILDCAT:
NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0234 FSL 1083 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESE Section: 19 Township: 03.0S Range: 02.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.

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TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/15/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry notice is being submitted to request an extension to this APD that expires on 12/11/2014.

Approved by the
Utah Division of
Oil, Gas and Mining
November 05, 2014
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Melissa Luke	303 323-9769	Regulatory Technician
SIGNATURE		**DATE**
N/A		11/3/2014

RECEIVED: Nov. 03, 2014

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013517500000

API: 43013517500000
Well Name: Shields 1-30-3-2WH
Location: 0234 FSL 1083 FEL QTR SESE SEC 19 TWNP 030S RNG 020W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 12/11/2012

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- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Melissa Luke **Date:** 11/3/2014
Title: Regulatory Technician **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Nov. 03, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

December 24, 2015

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Re: APDs Rescinded for Newfield Production Company, Duchesne and Uintah County

Ladies and Gentlemen:

Enclosed find the list of APDs that is being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective December 24, 2015

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Brad Hill, Technical Service Manager
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

43-047-52434 GMBU 3-36-8-18H
43-013-51750 Shields 1-30-3-2WH
43-013-51781 Gilbert 14-34-2-4W
43-013-51728 Slade 2-25-2-2WH